Fig 1A

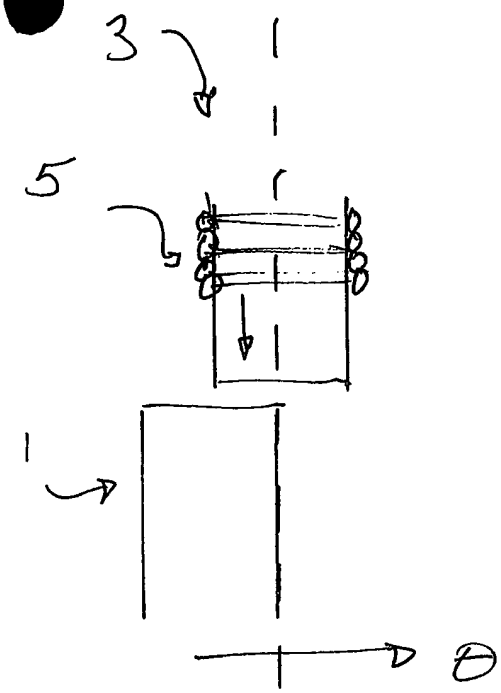


Fig 1C

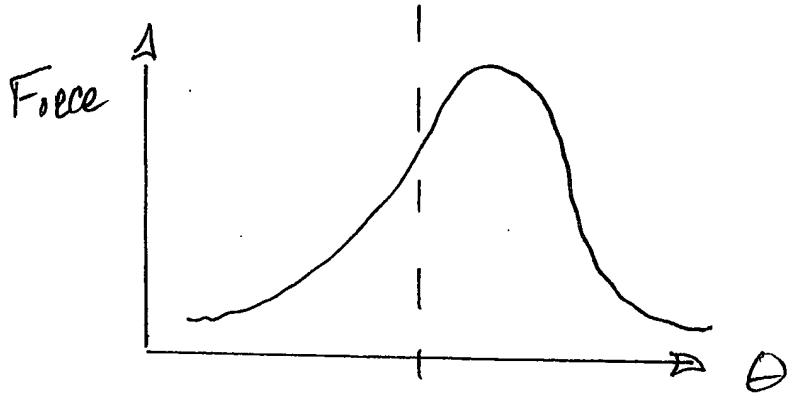
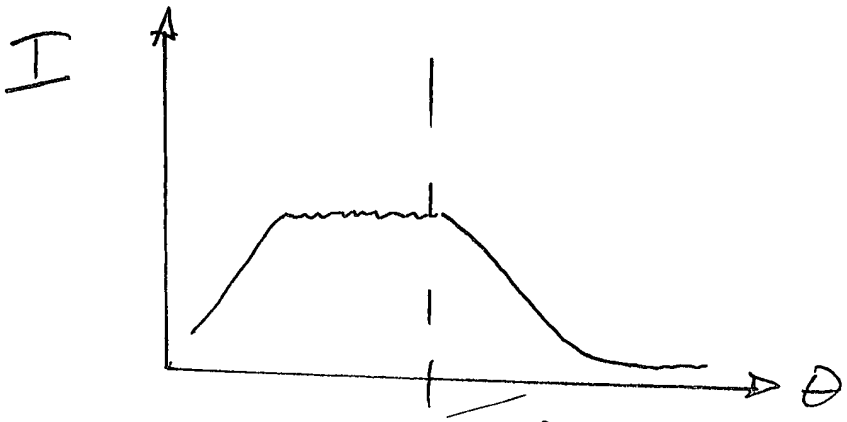


Fig. 1B



(Prior Art)

Fig 2A

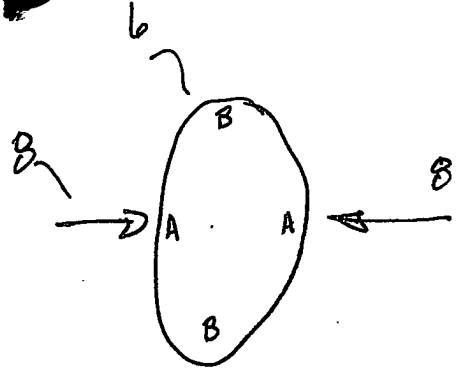


Fig 2B

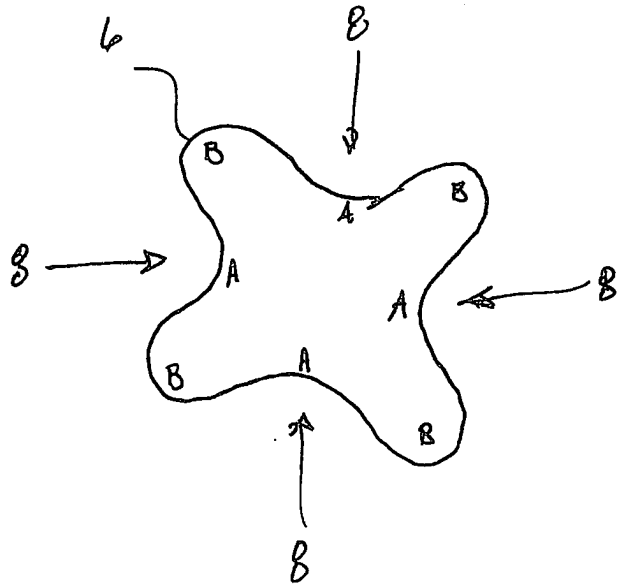


Fig 3A

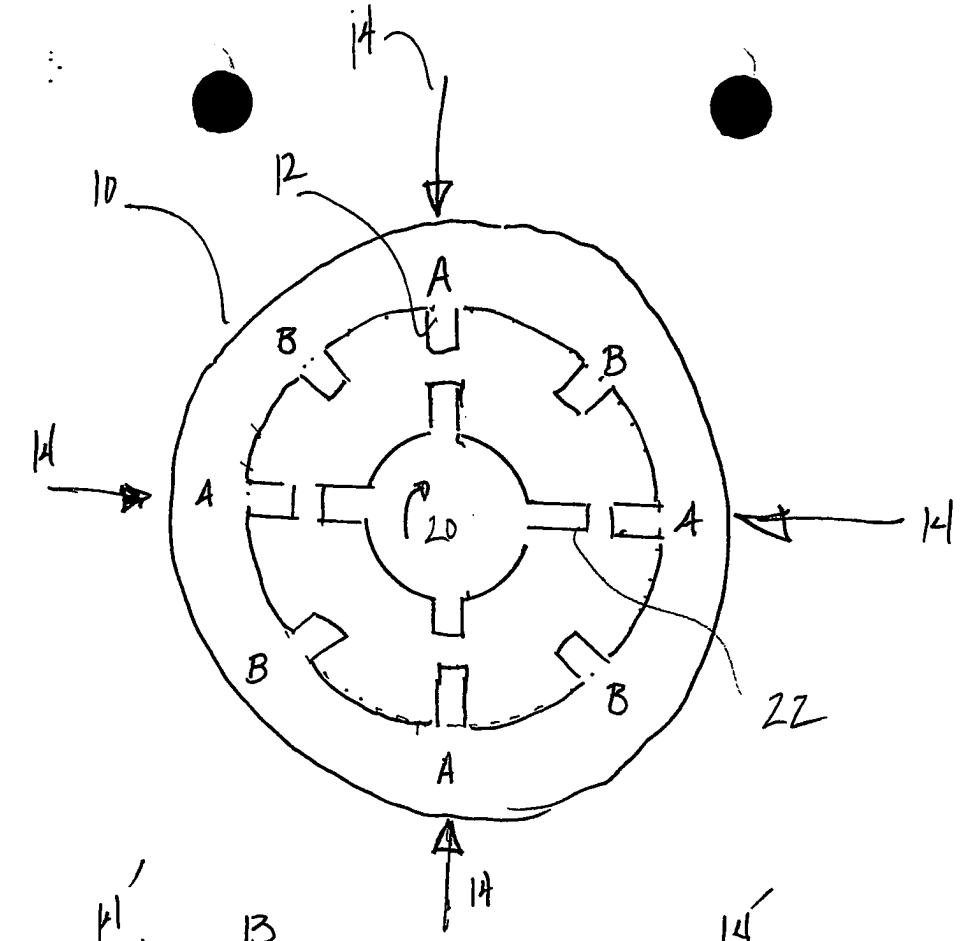
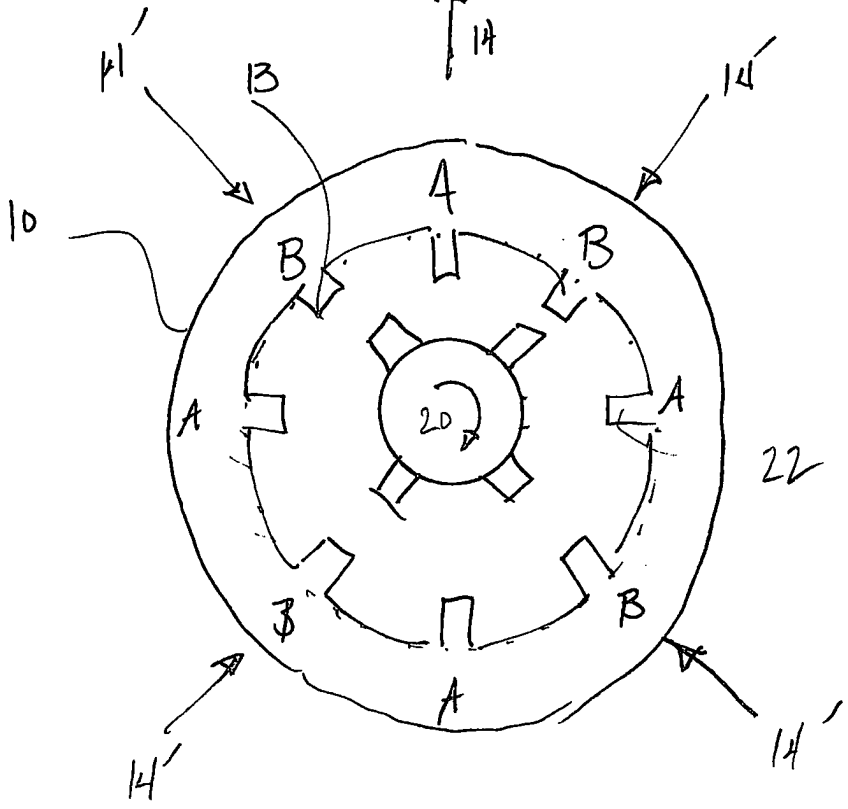
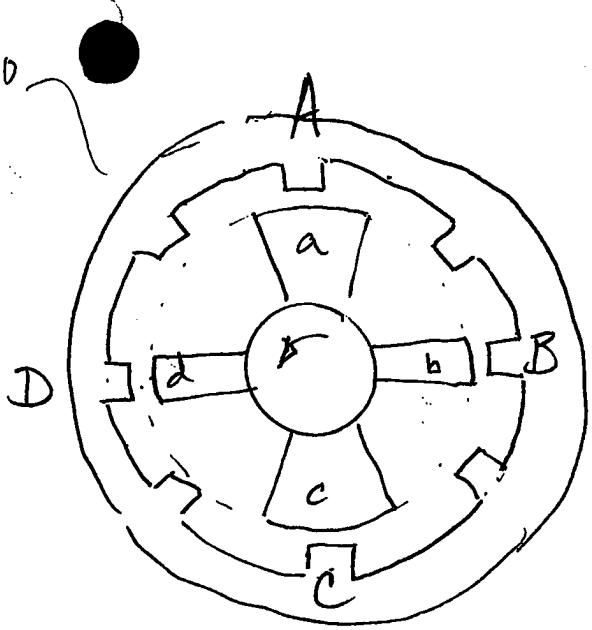


Fig 3B

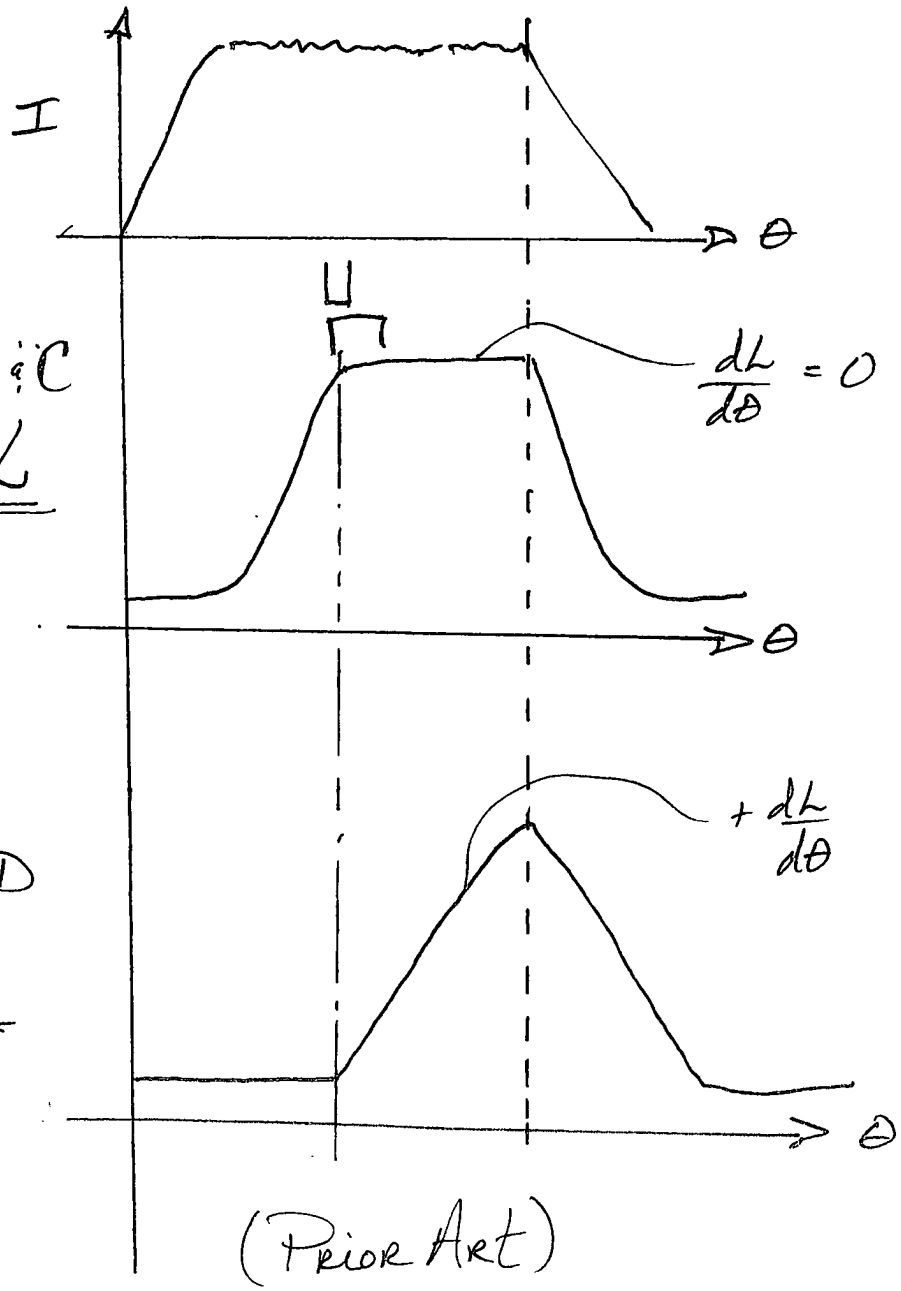


(Prior Art)

Fig. 4A



4B



(Prior Art)

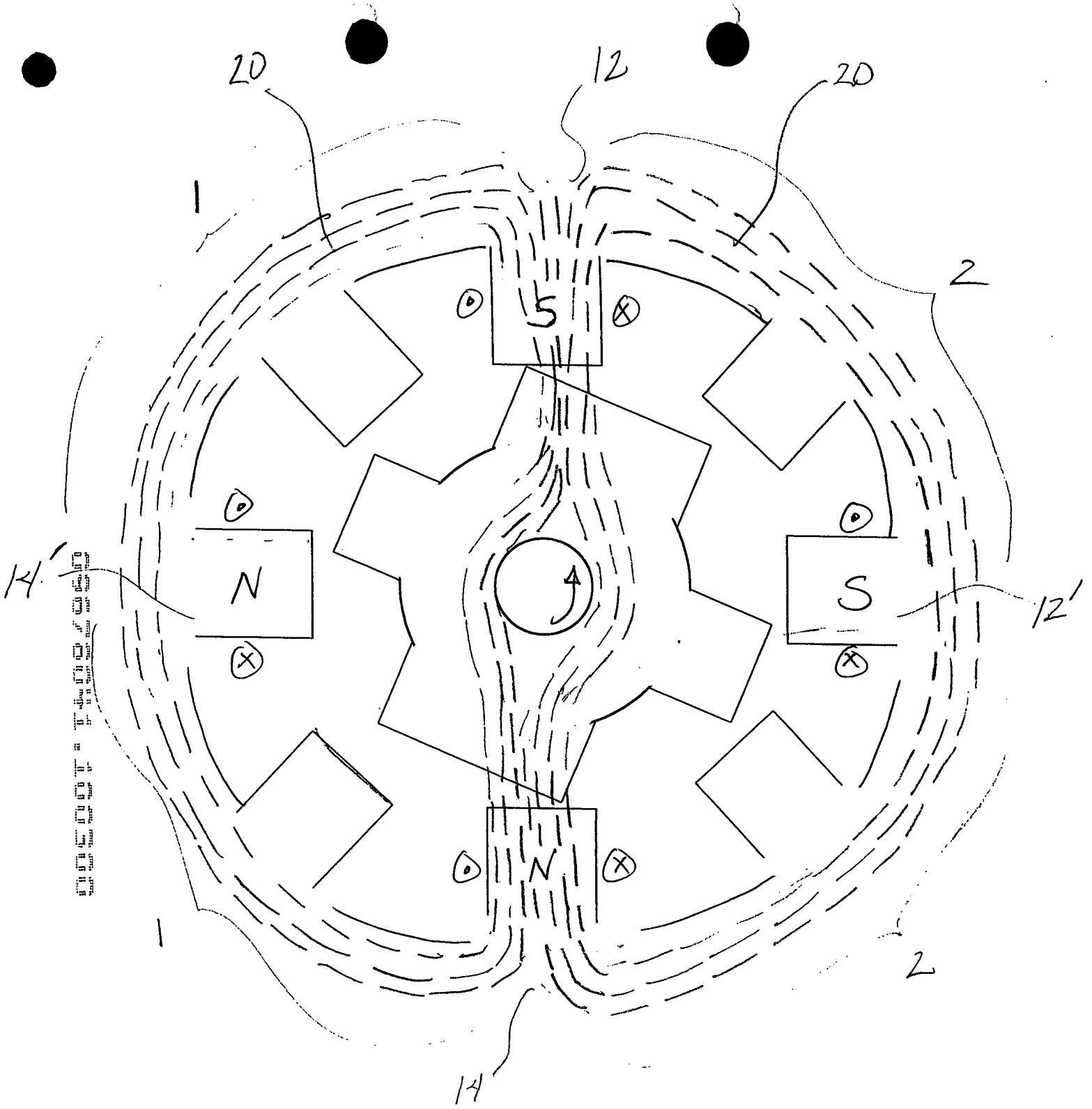


FIG. 4E
(Prior Art)

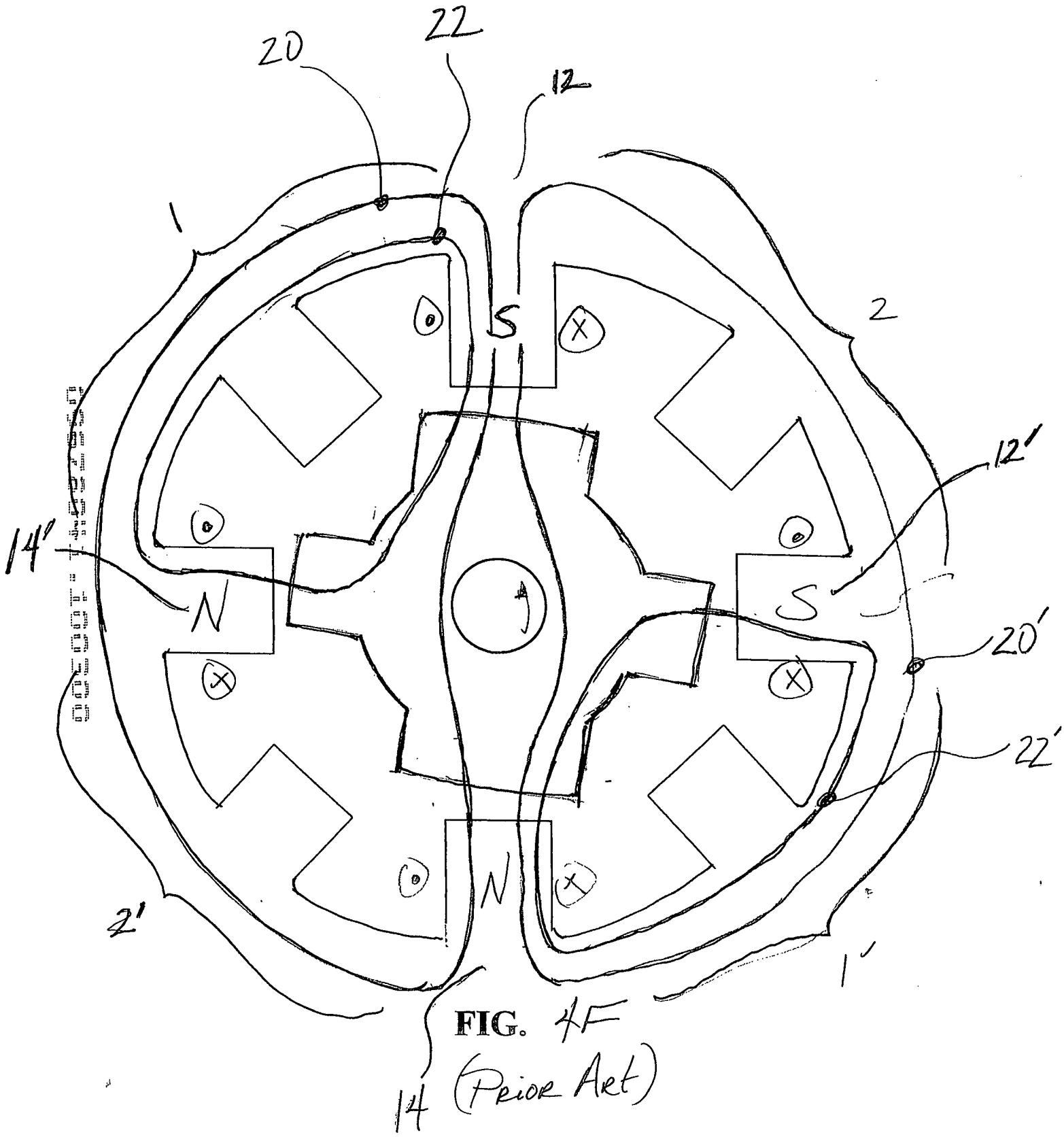


FIG. 4F
(Prior Art)

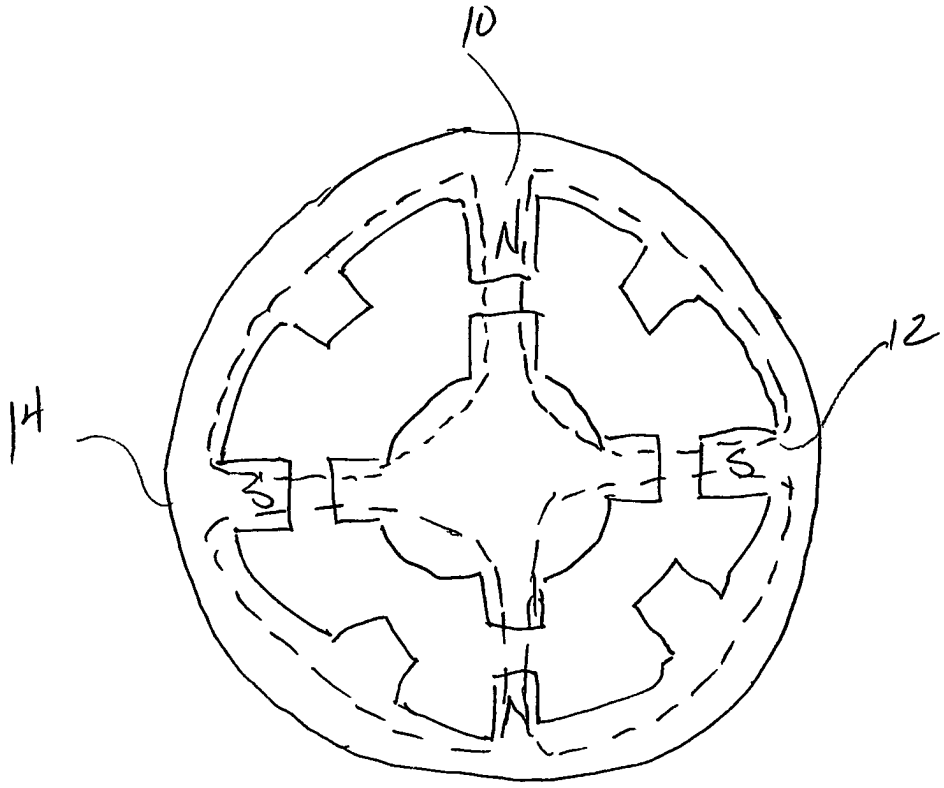


FIG. 4G

(Prior Art)

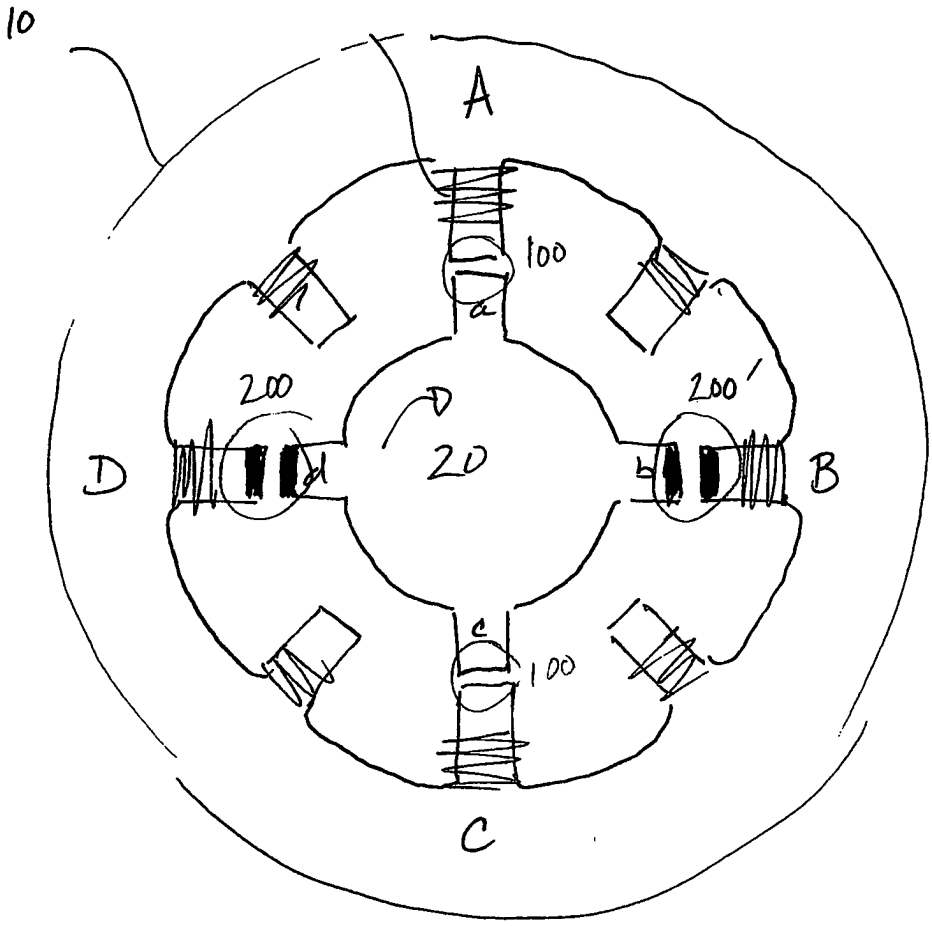


FIG. 5A

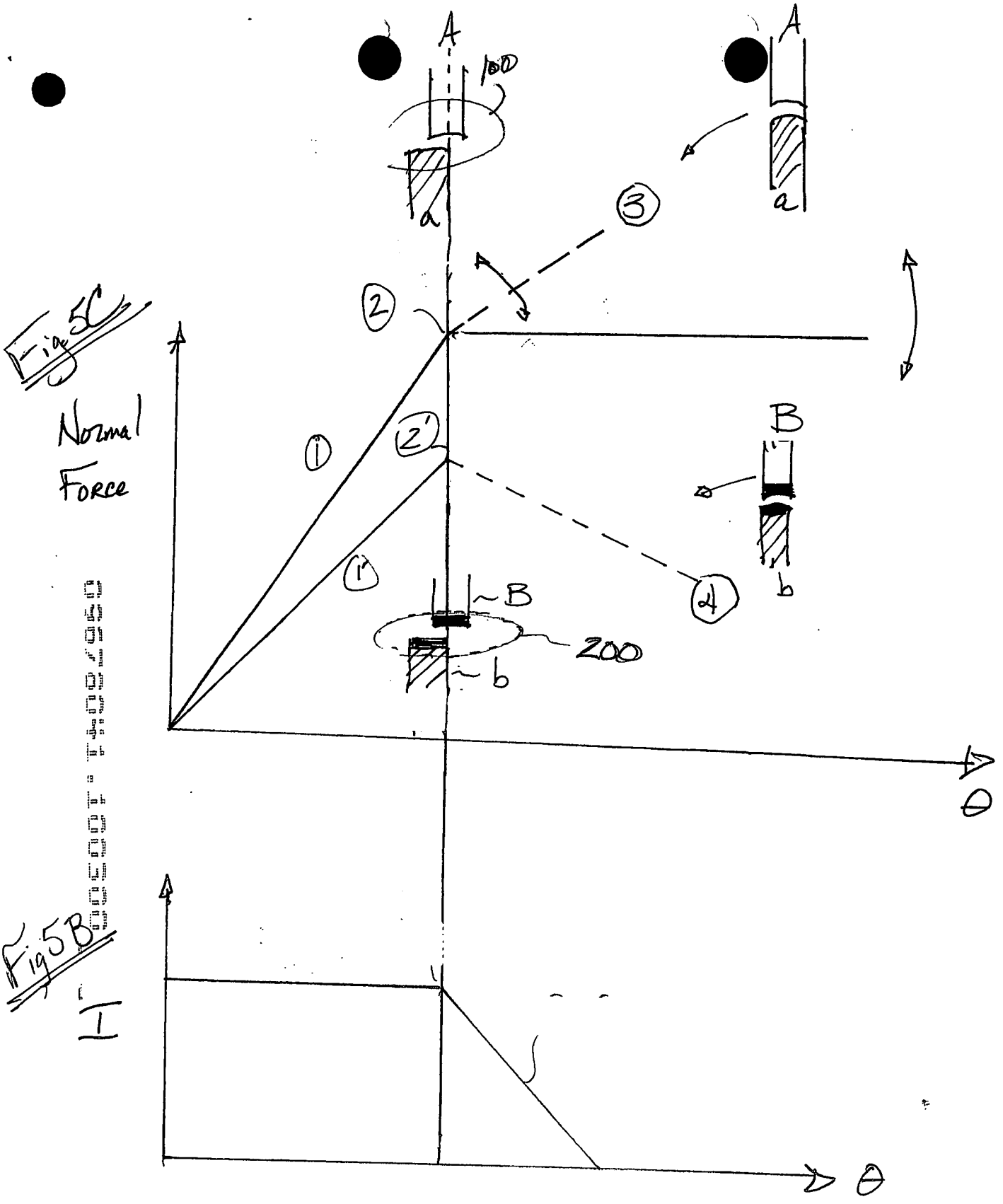
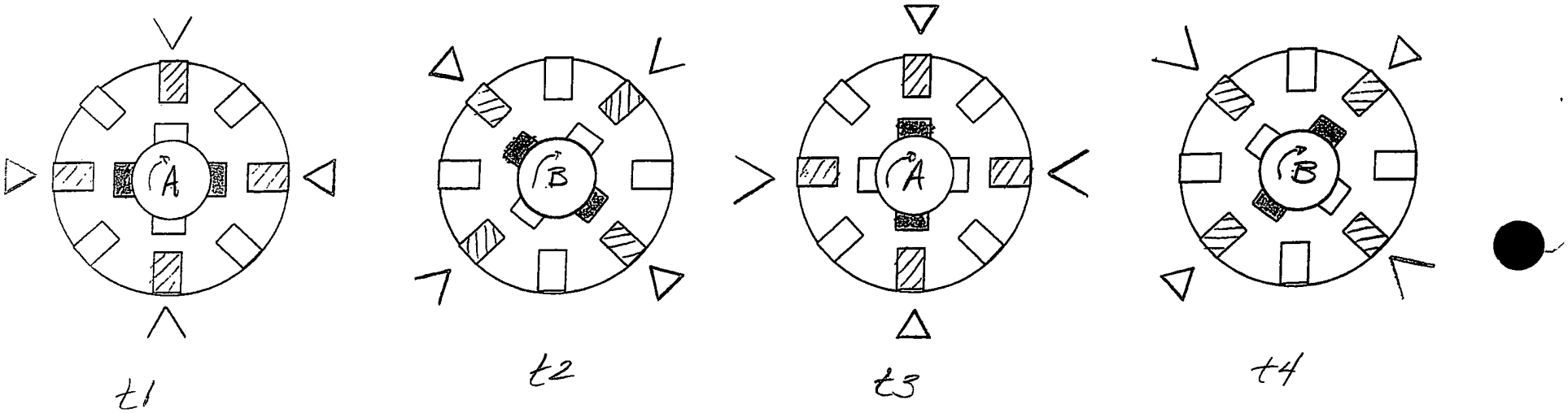
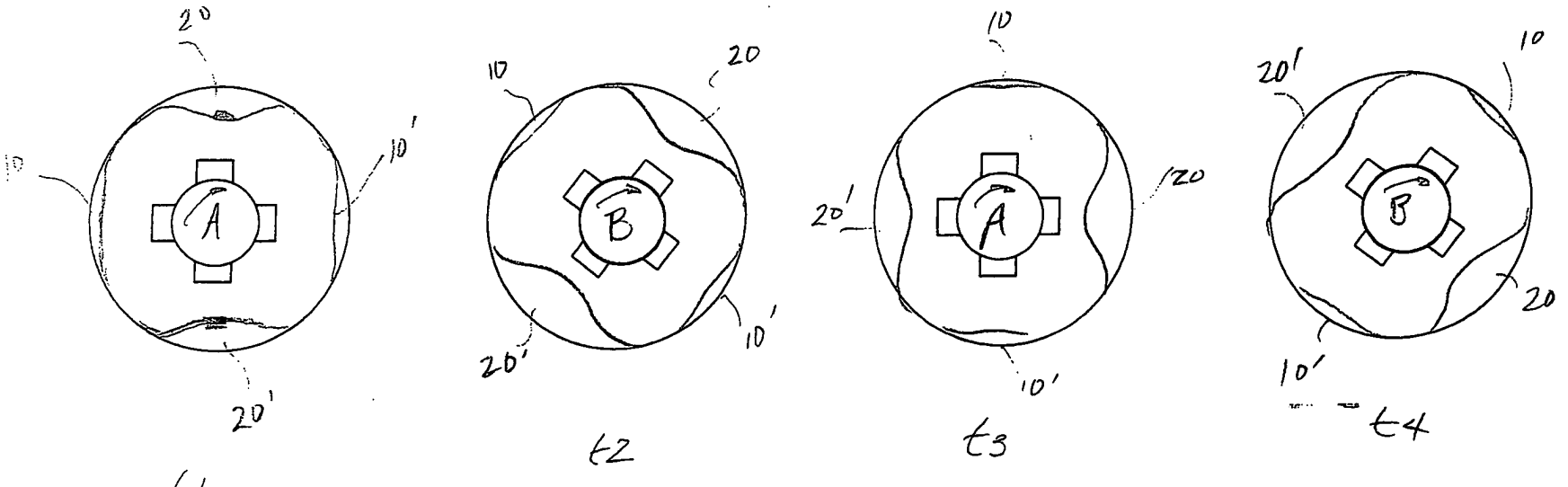
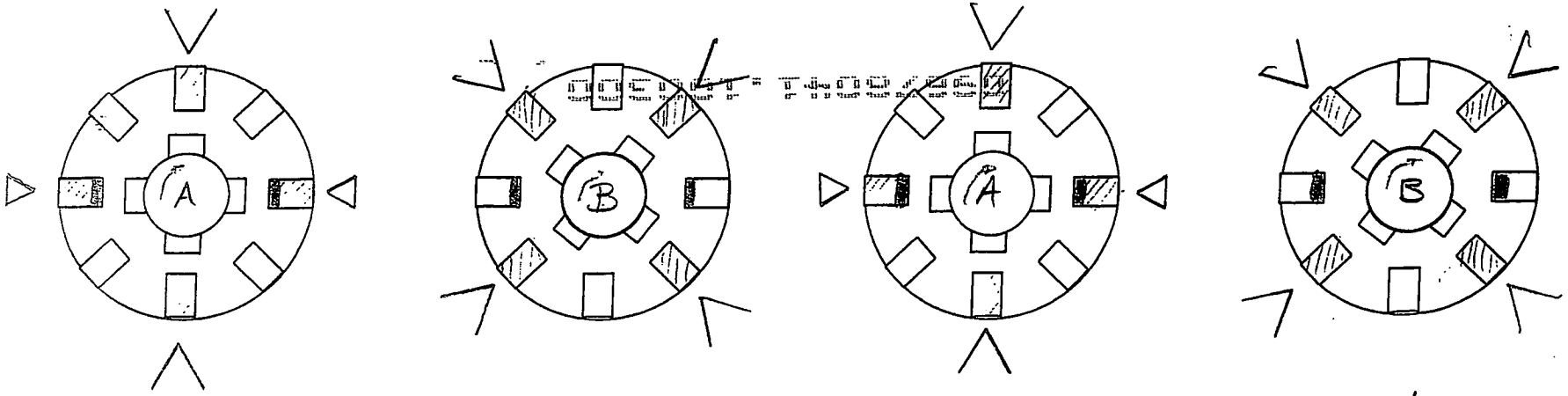


FIG 5 B&C

FIG 6A


A
B
A
B
t1
t2
t3
t4


20
10'
20'
10
20
10'
20'
10
20'
20
10'
10
20'
10
20
10'
A
B
A
B
t1
t2
t3
t4


A
B
A
B
t1
t2
t3
t4

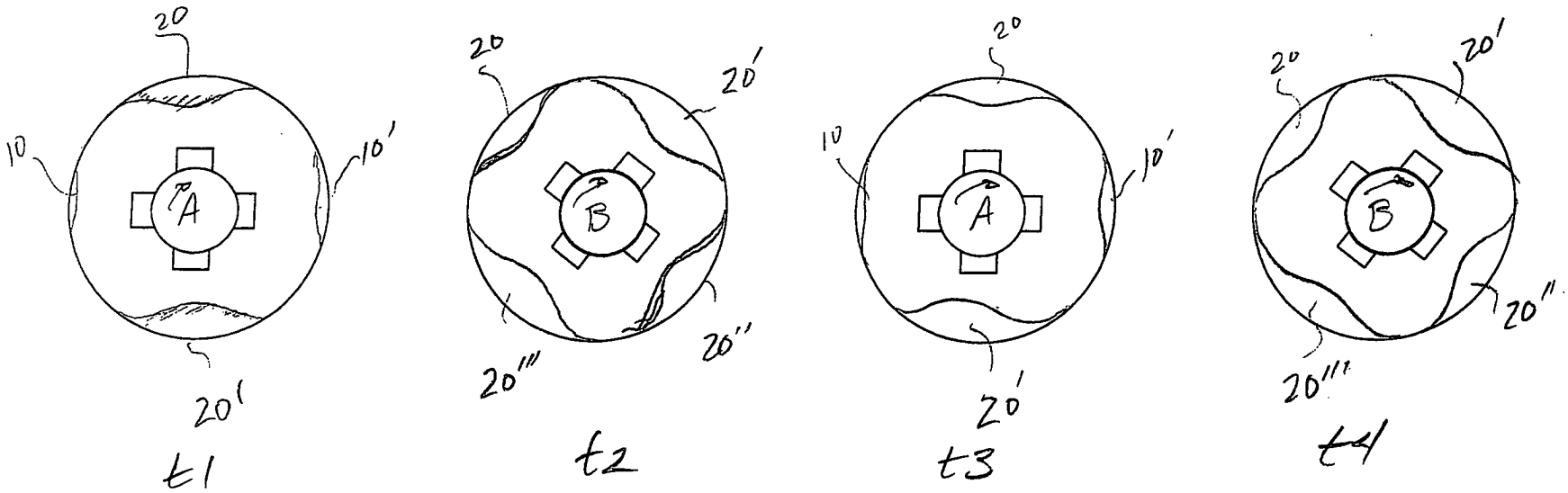
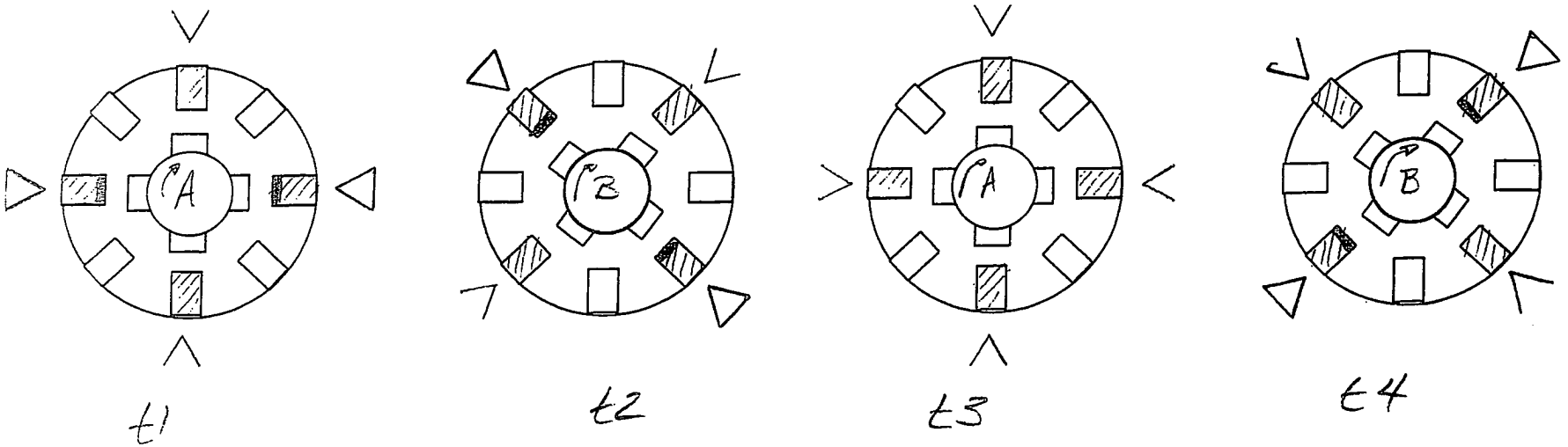
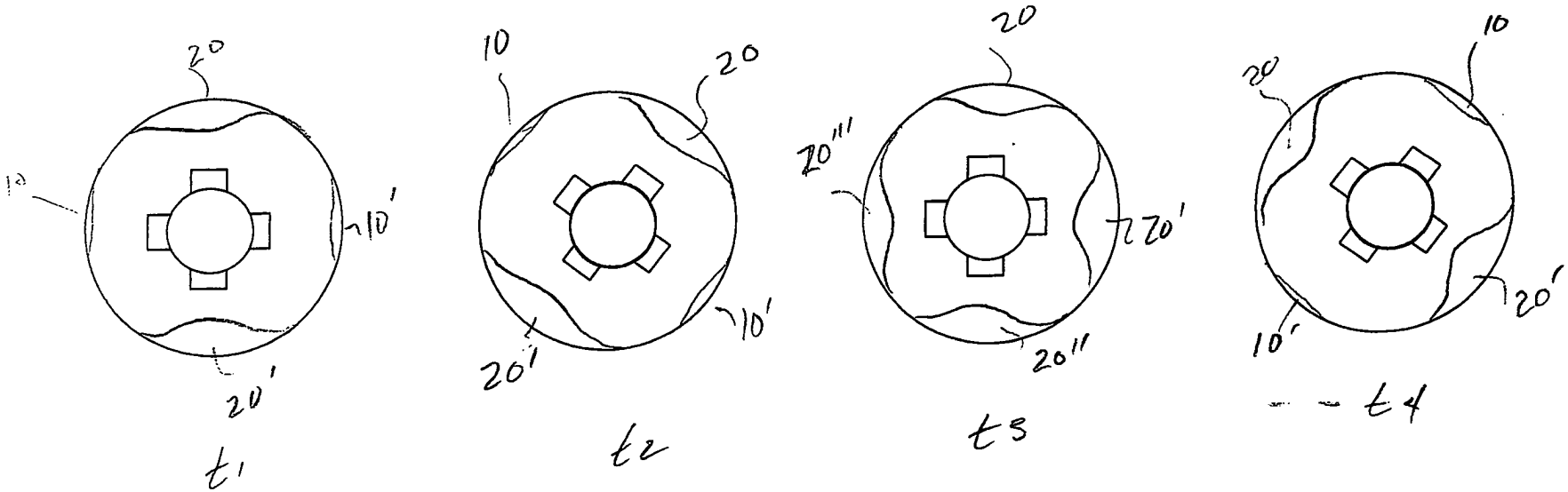

20
10
10'
A
20'
20
20'
B
20''
20'''
20
10
10'
A
20'
20
20'
B
20''
20'''
t1
t2
t3
t4

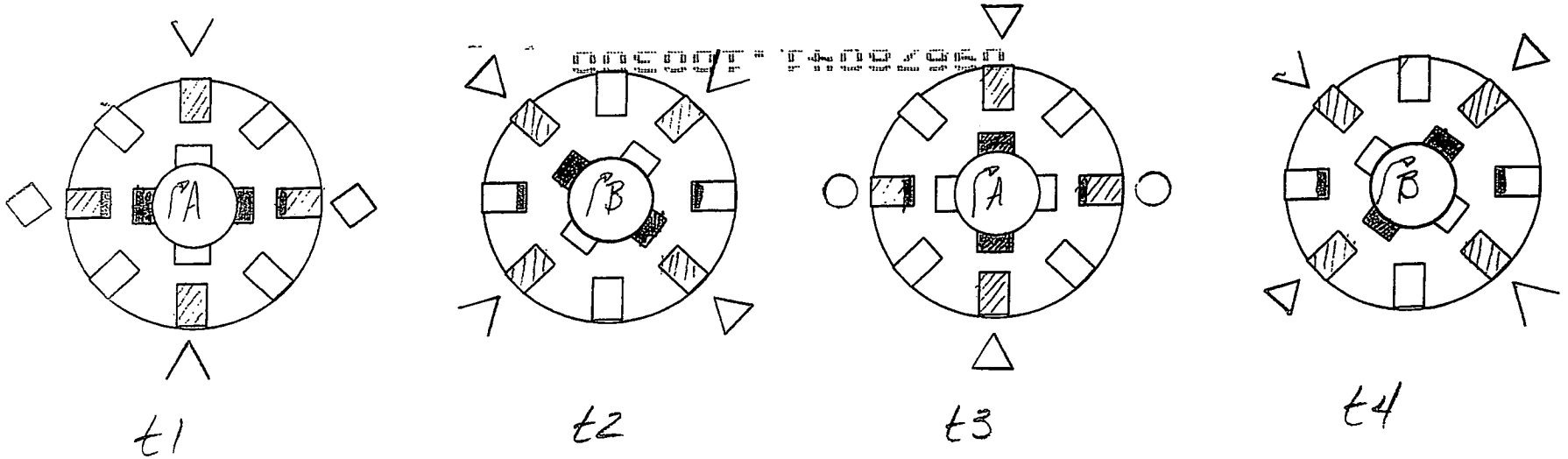
FIG 6B

Fig 6C

DO NOT TRACE






A
B
A
B
t1
t2
t3
t4

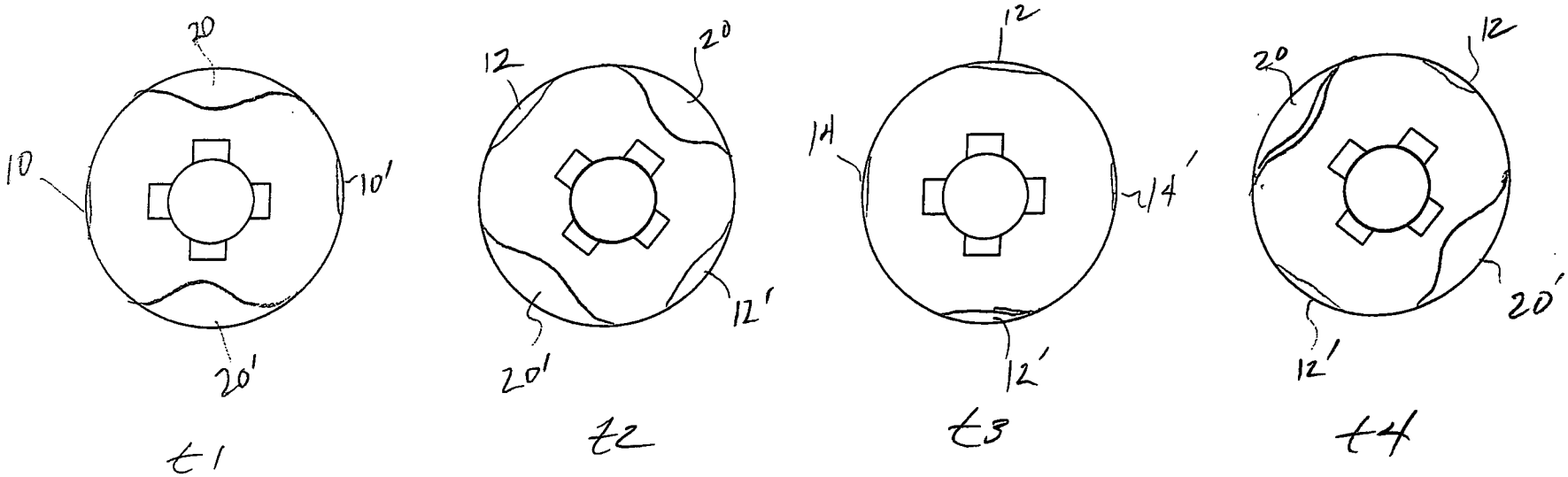

20
10
10'
20'
t1
12
20
12'
20'
t2
12
14
14'
12'
t3
20
12
20'
12'
t4

FIG 6D

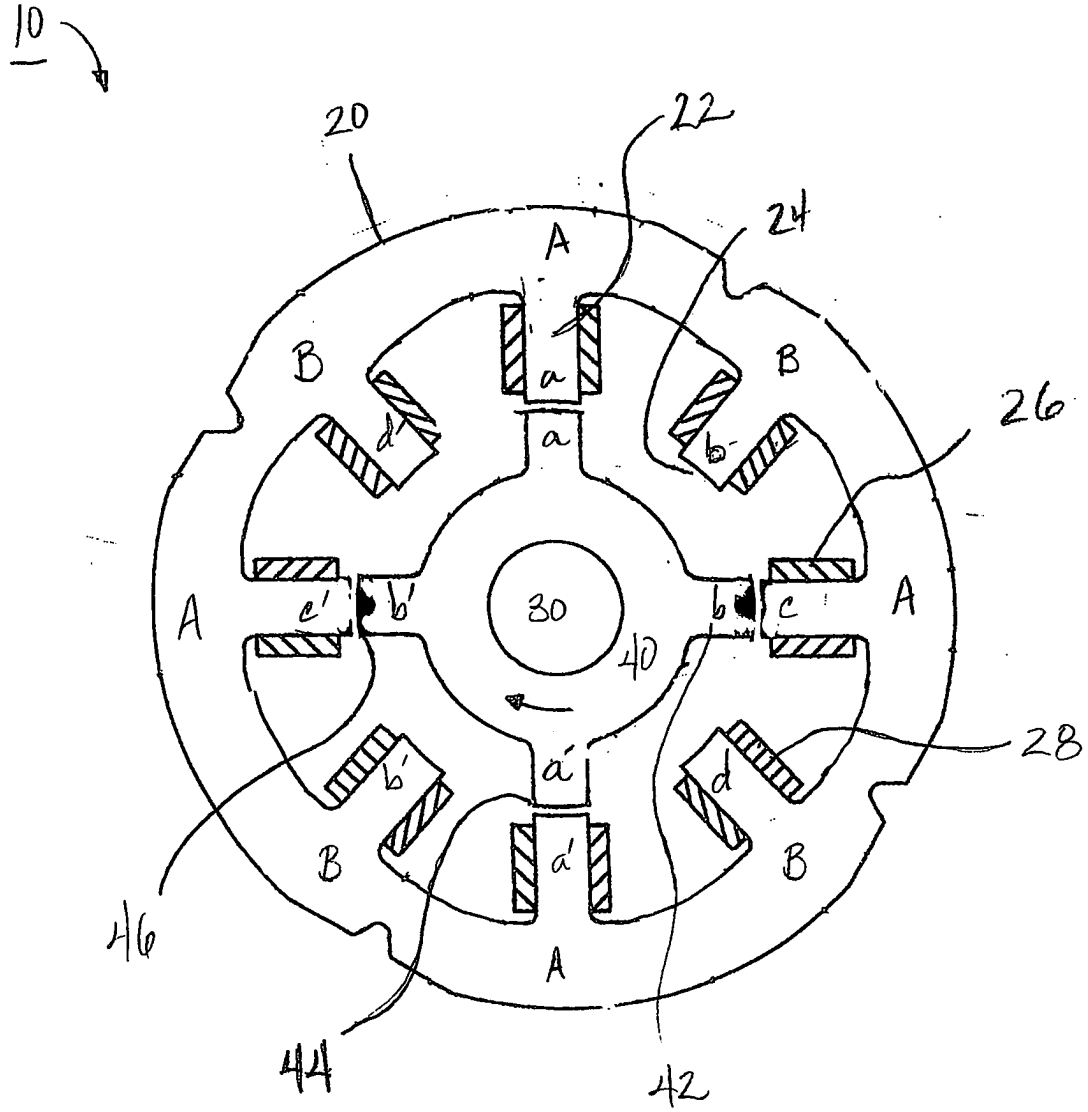


FIG 7A

Stator Poles
22a-á

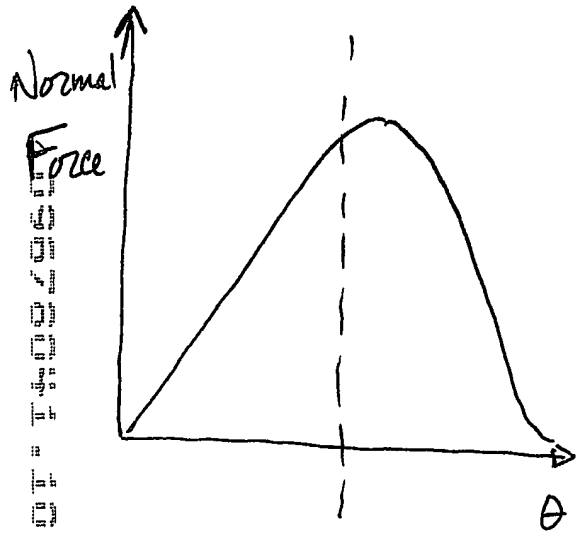


Fig 7B

Stator Poles
22c-c'

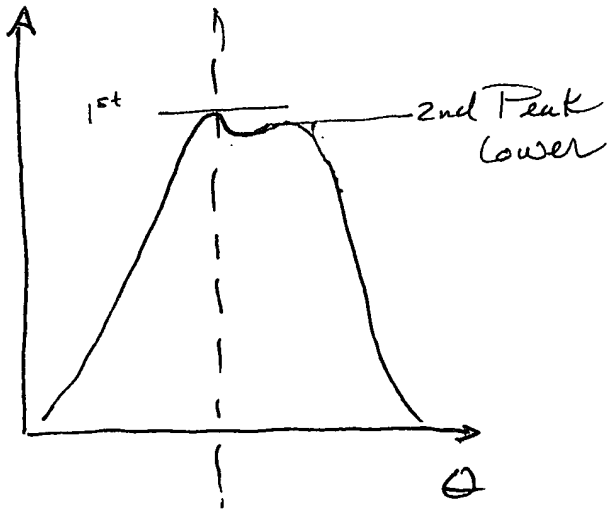


Fig 7C

FIG 8A

DOCKOOT: 7402260

Curve A

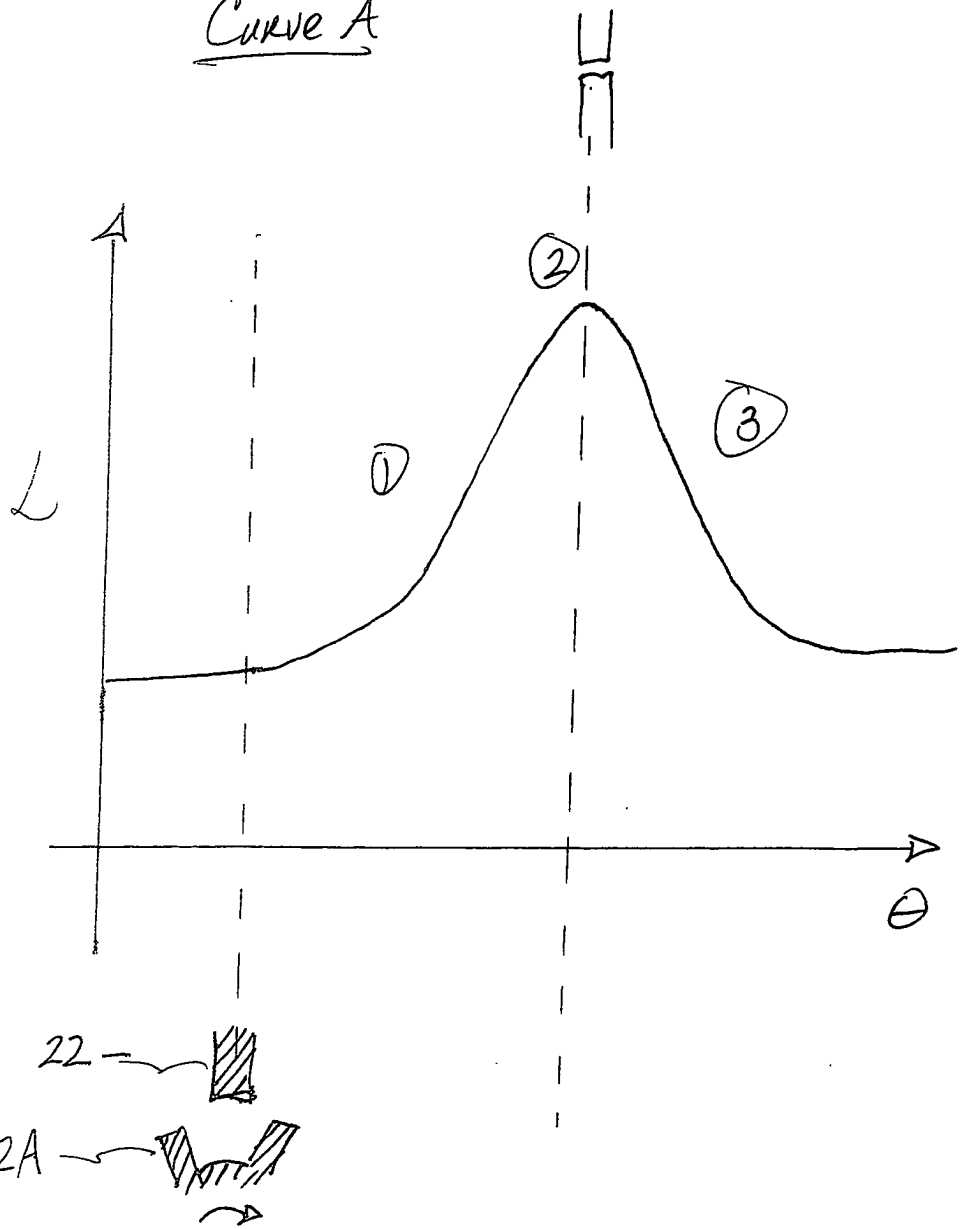
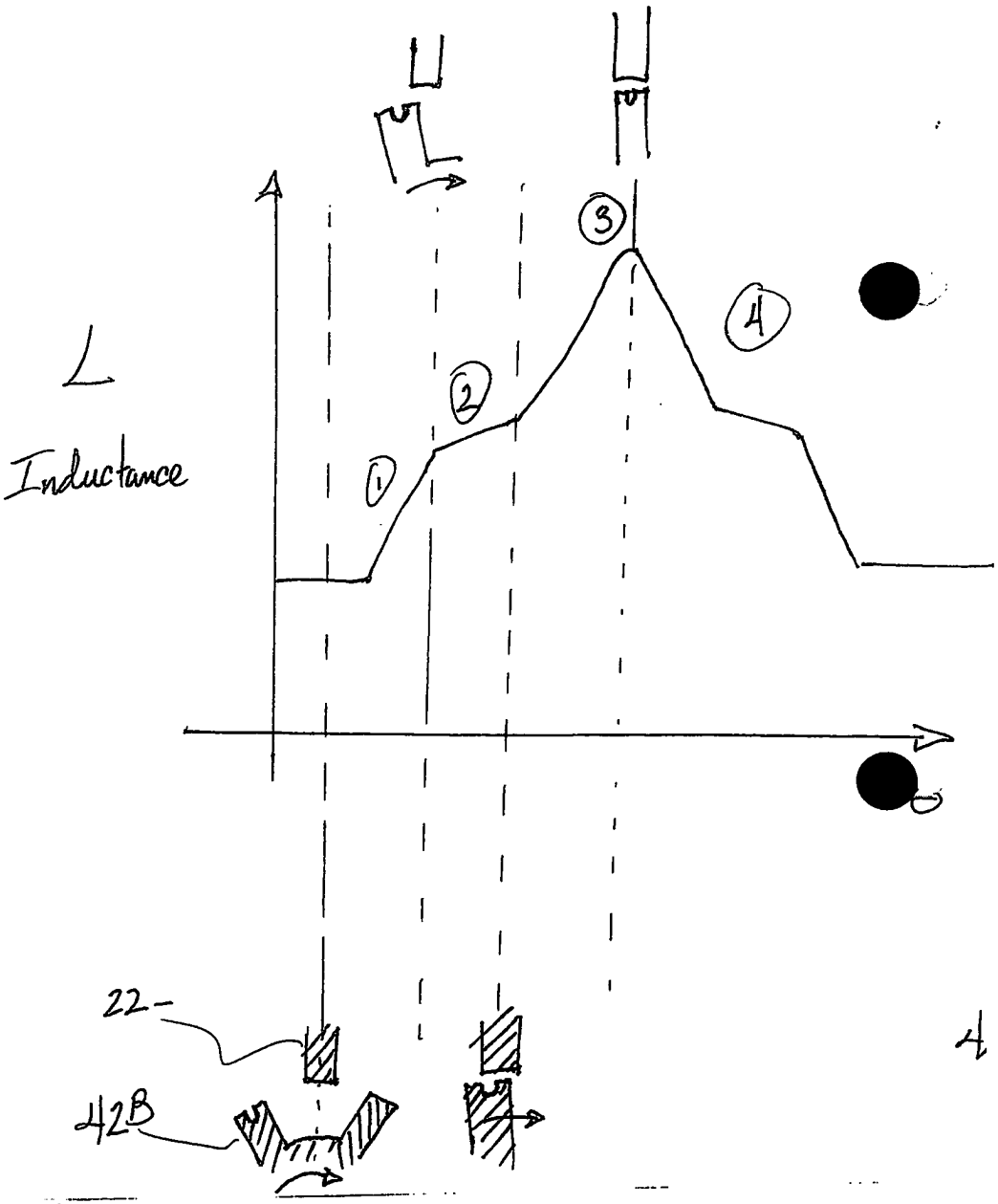


FIG 8B

Curve B



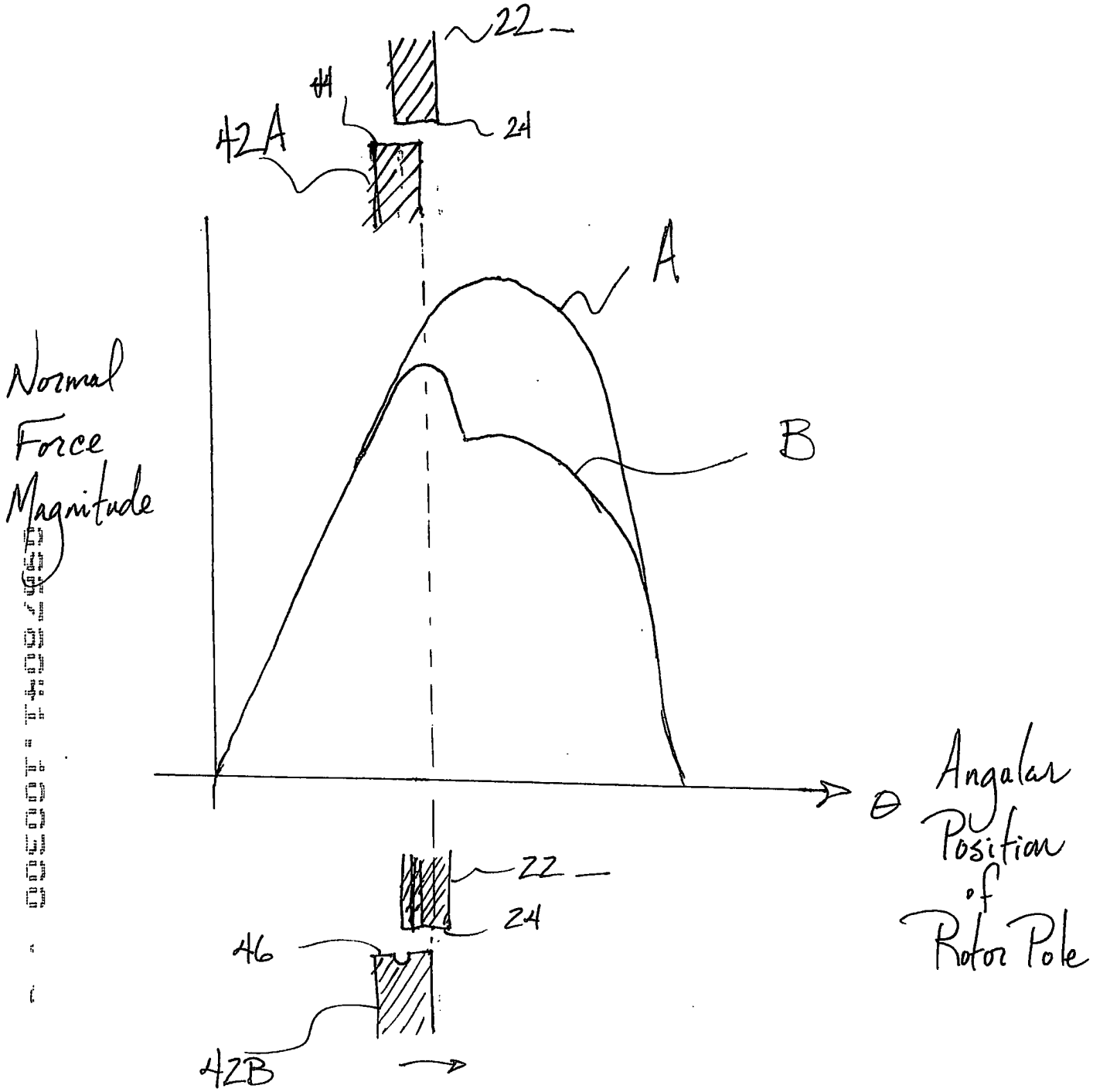

22
24
42A
A
B
Normal Force Magnitude
θ
Angular Position of Rotor Pole
22
24
46
42B

FIG 8C

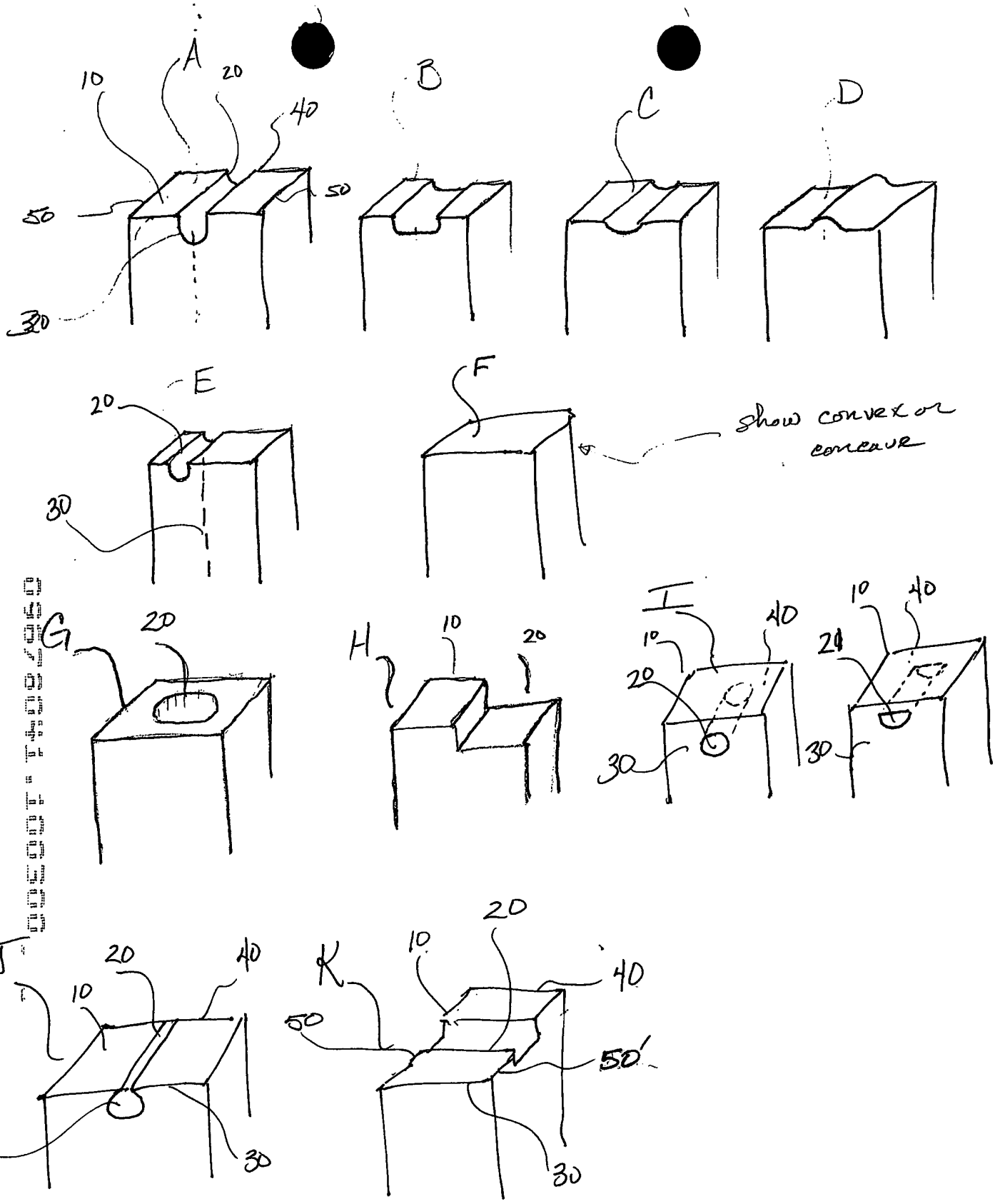

A
10
20
40
50
50
30
B
C
D
E
20
30
F
show convex or concave
G
20
H
10
20
I
10
40
10
20
30
10
40
20
30
J
10
20
40
22
30
K
10
20
40
50
50'
30

FIG 9

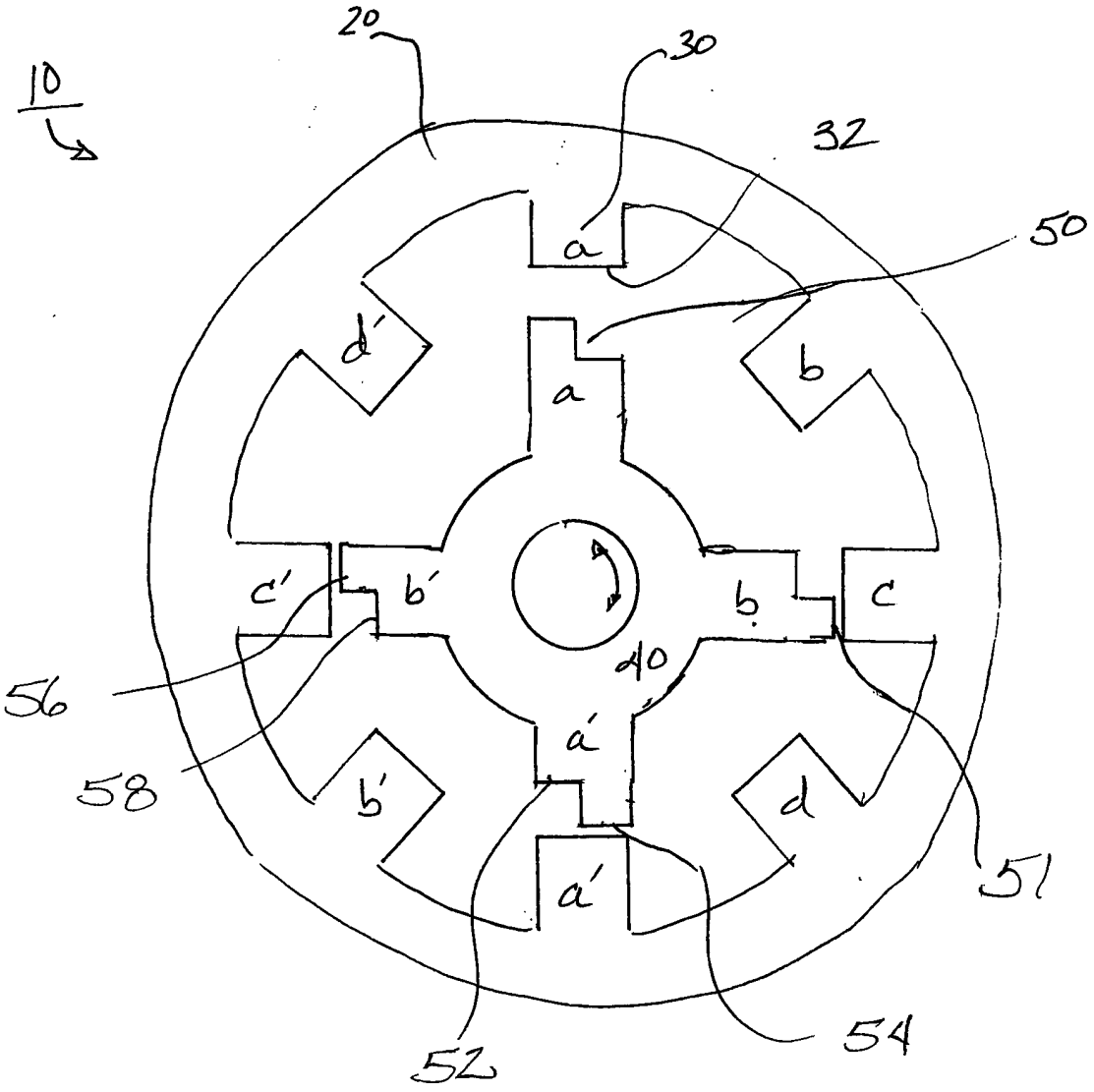


FIG 9L

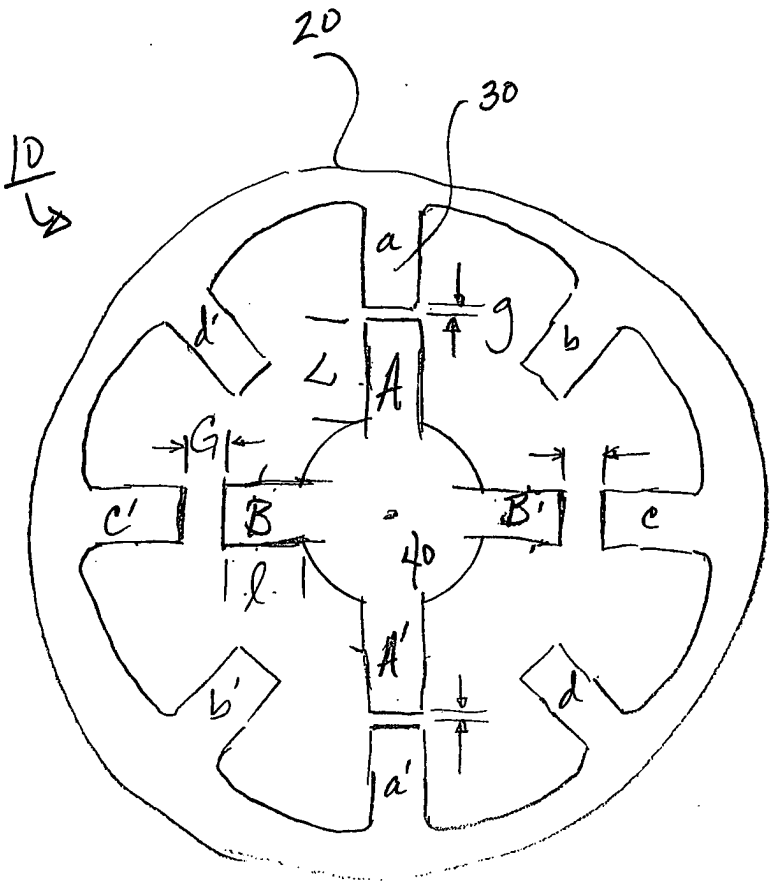


FIG 10

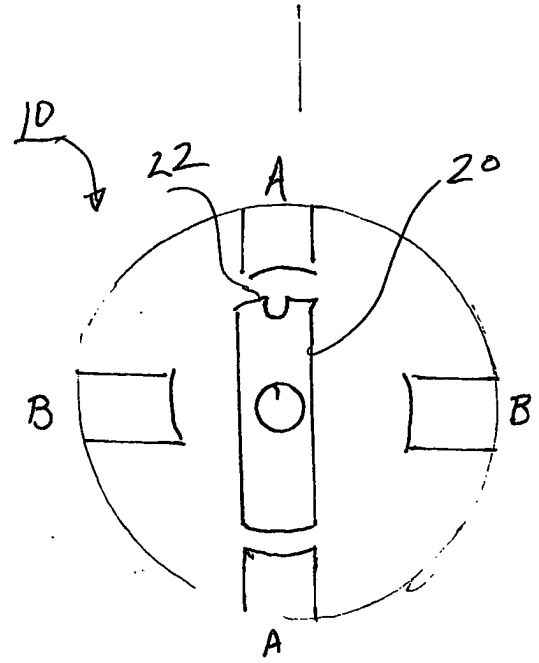


Fig. 11 A

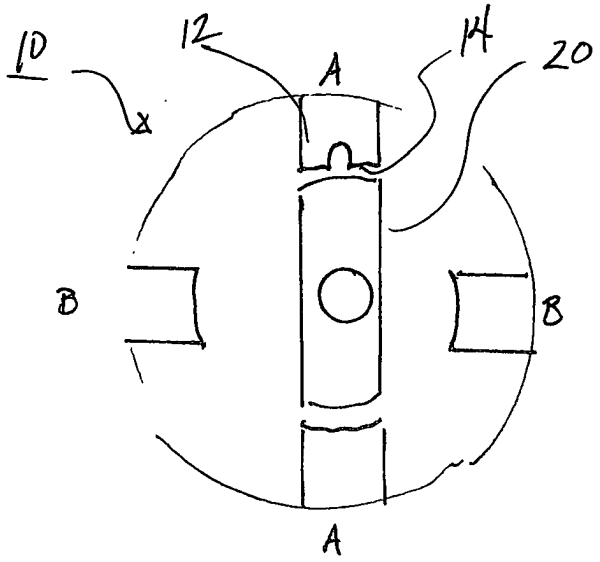


Fig 11 B

10/6

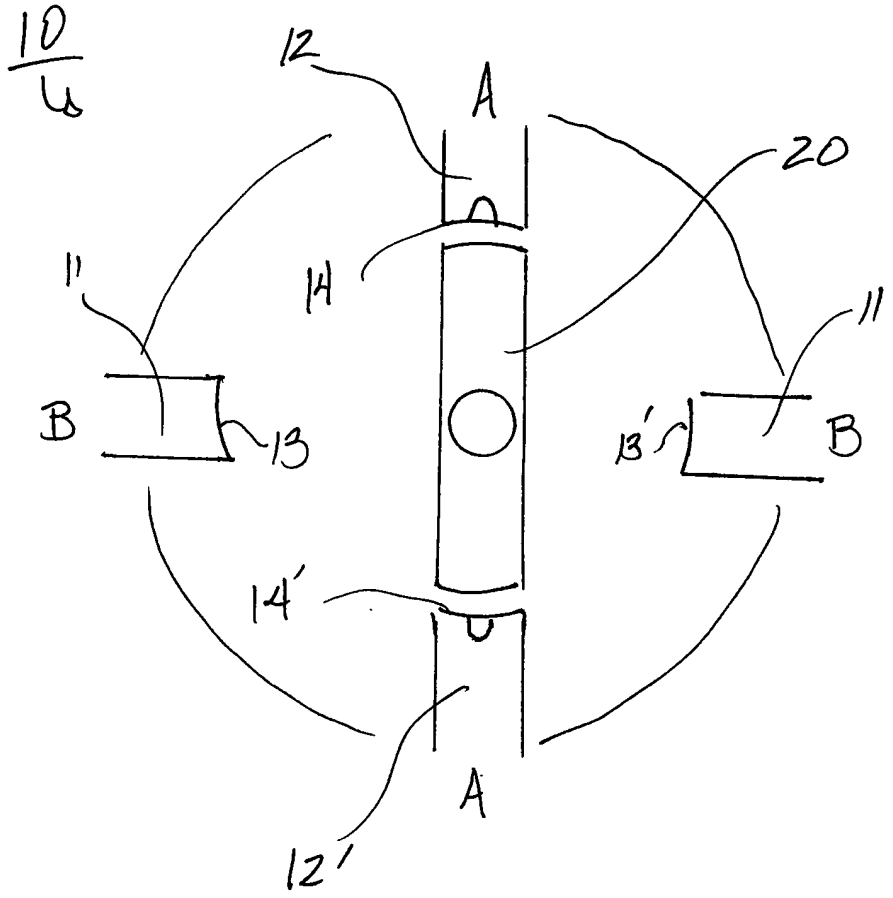


FIG 11C

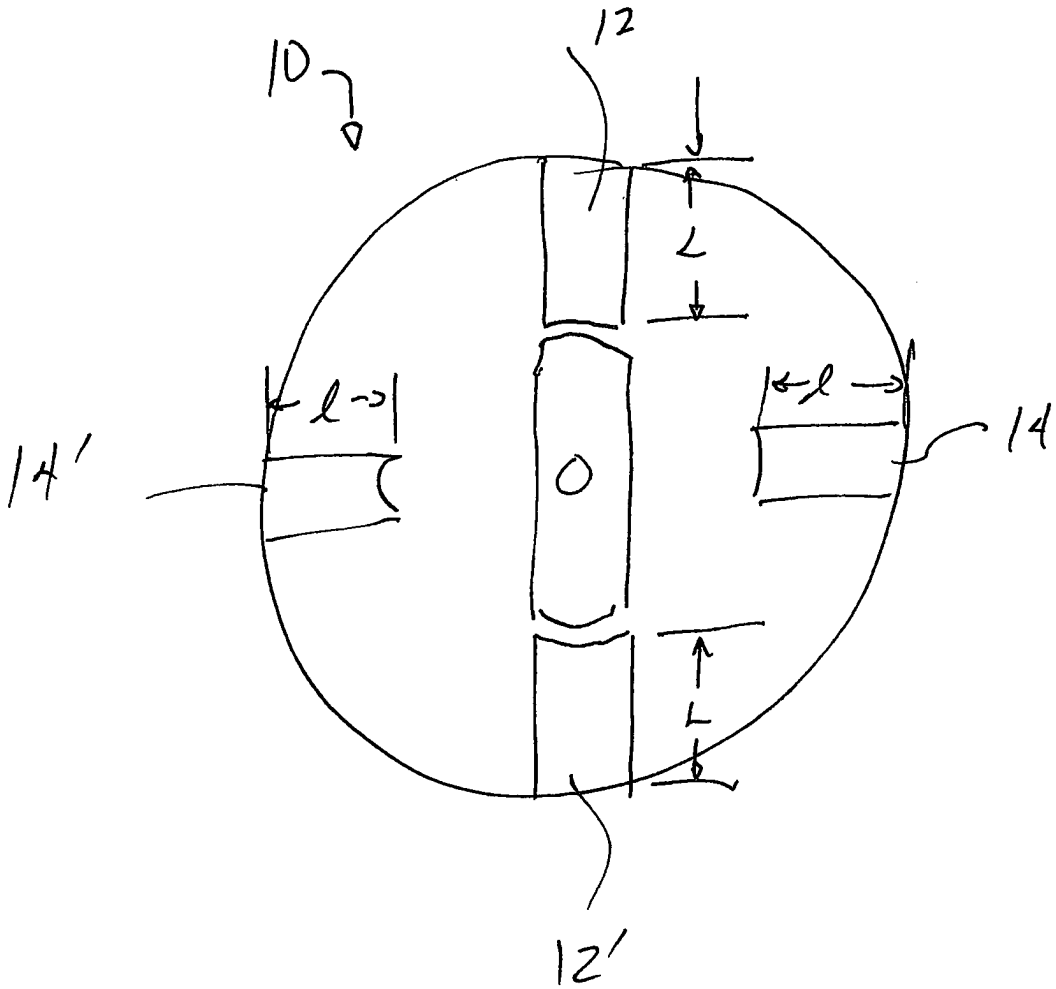


FIG. 11D

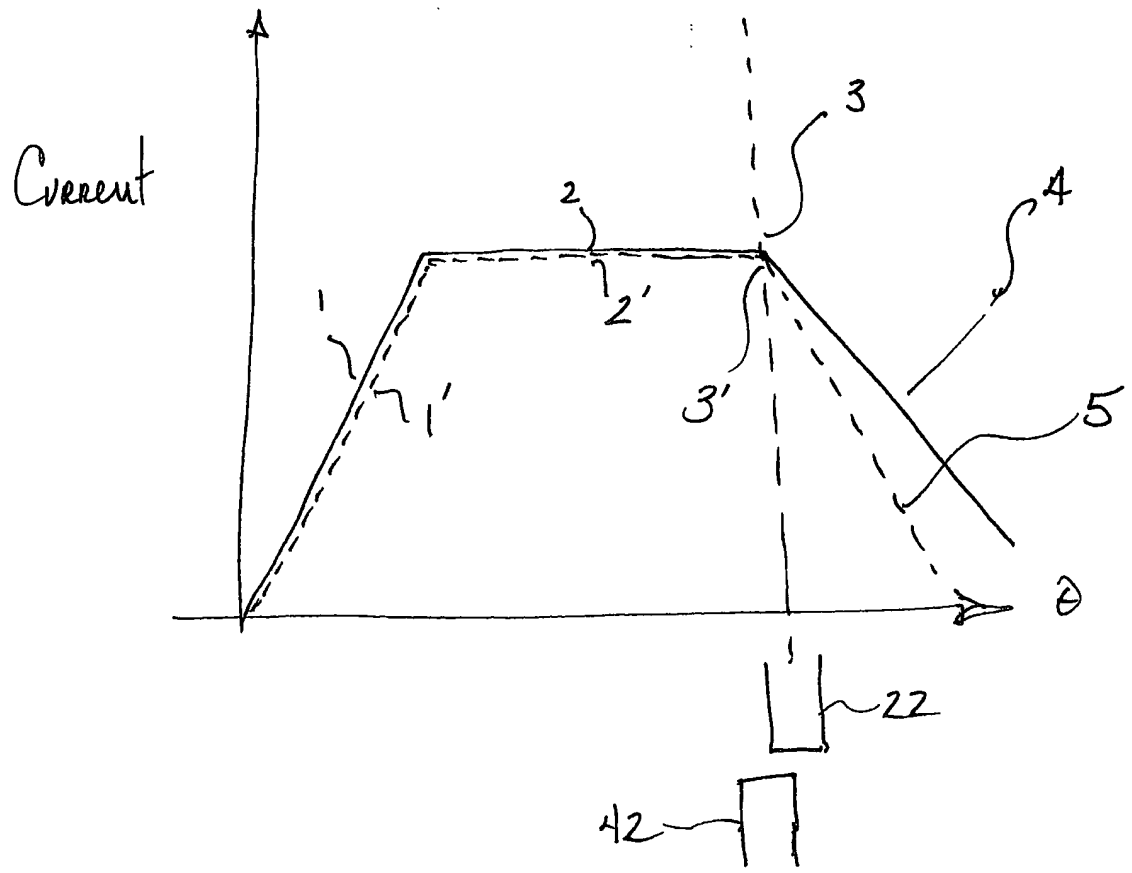


FIG. 12A

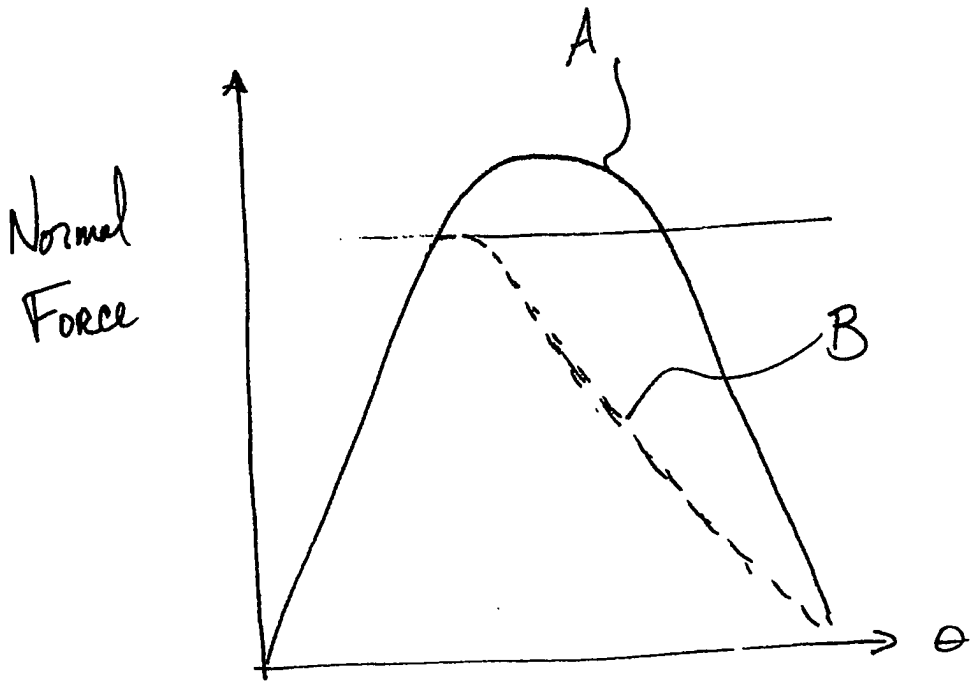


FIG. 12B

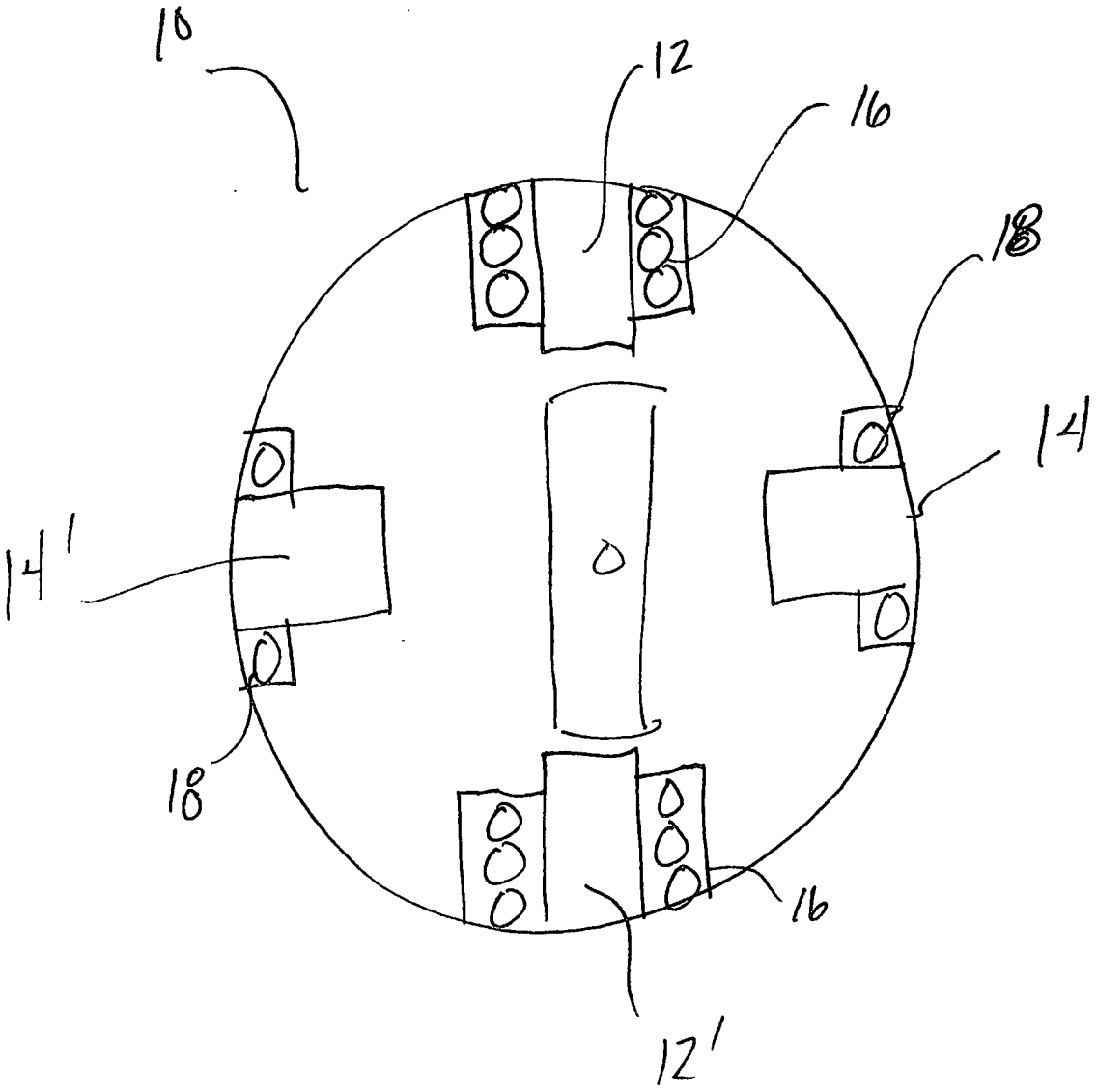


Fig. 12C

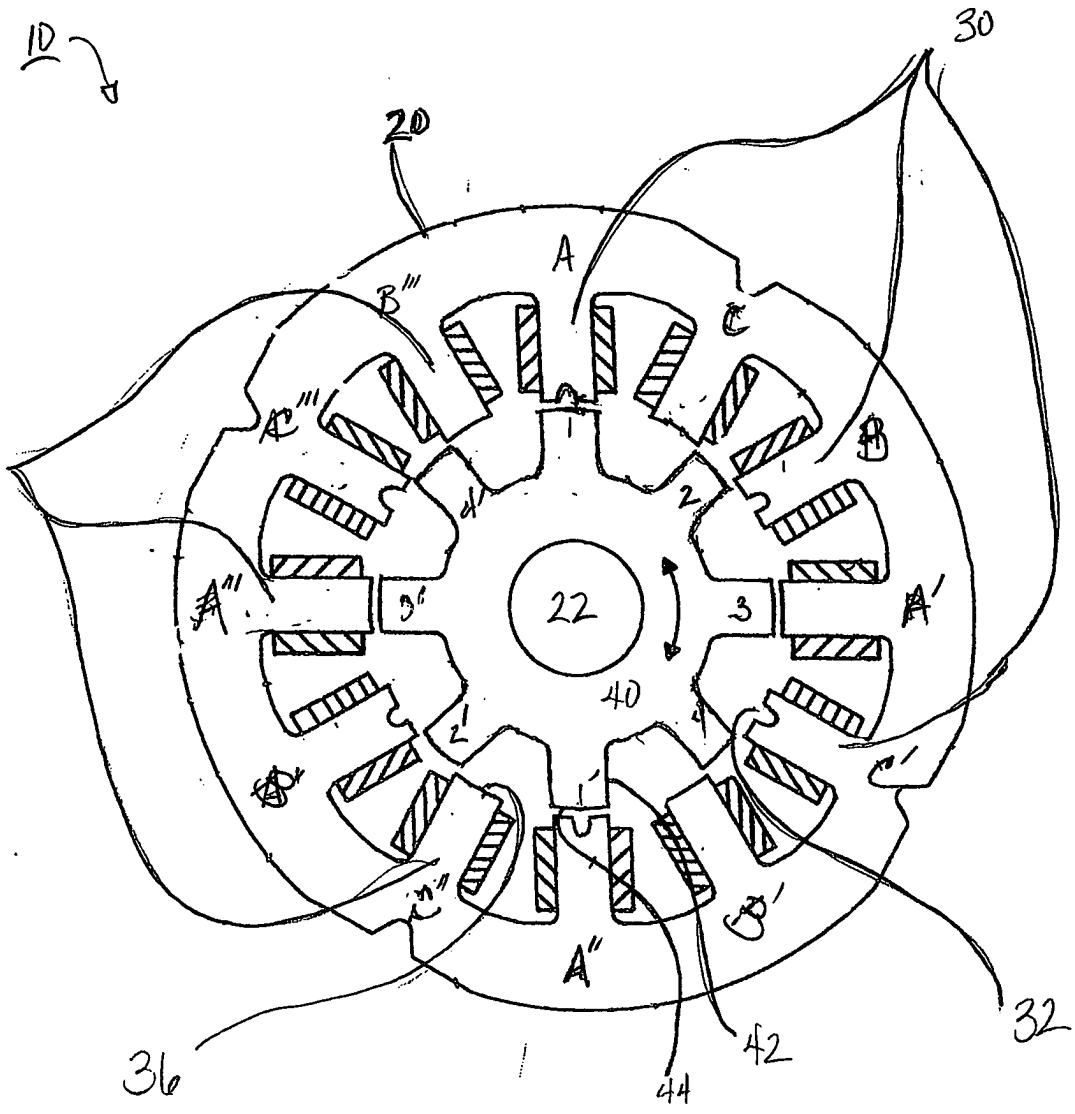


FIG. 13

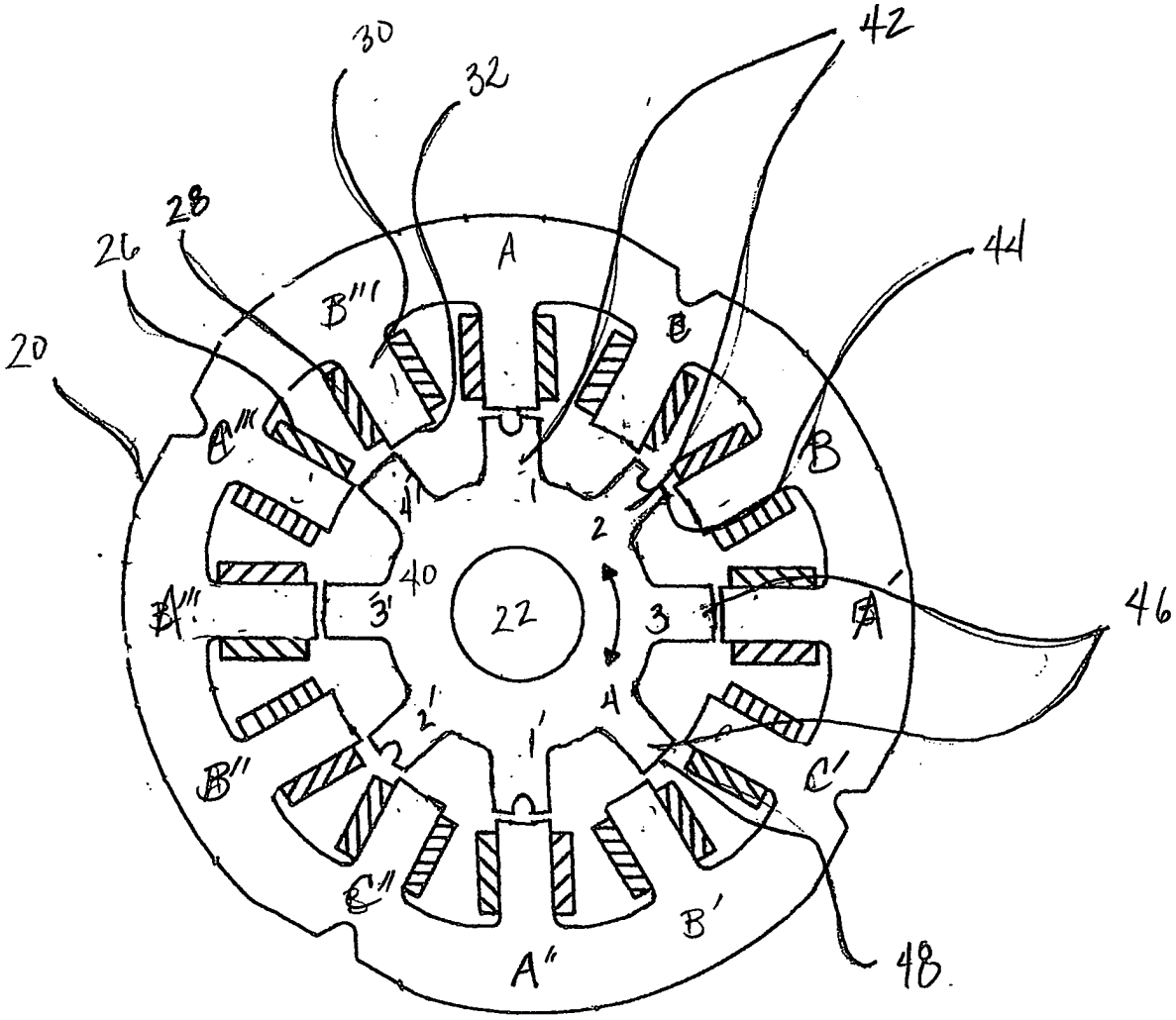


FIG. 14

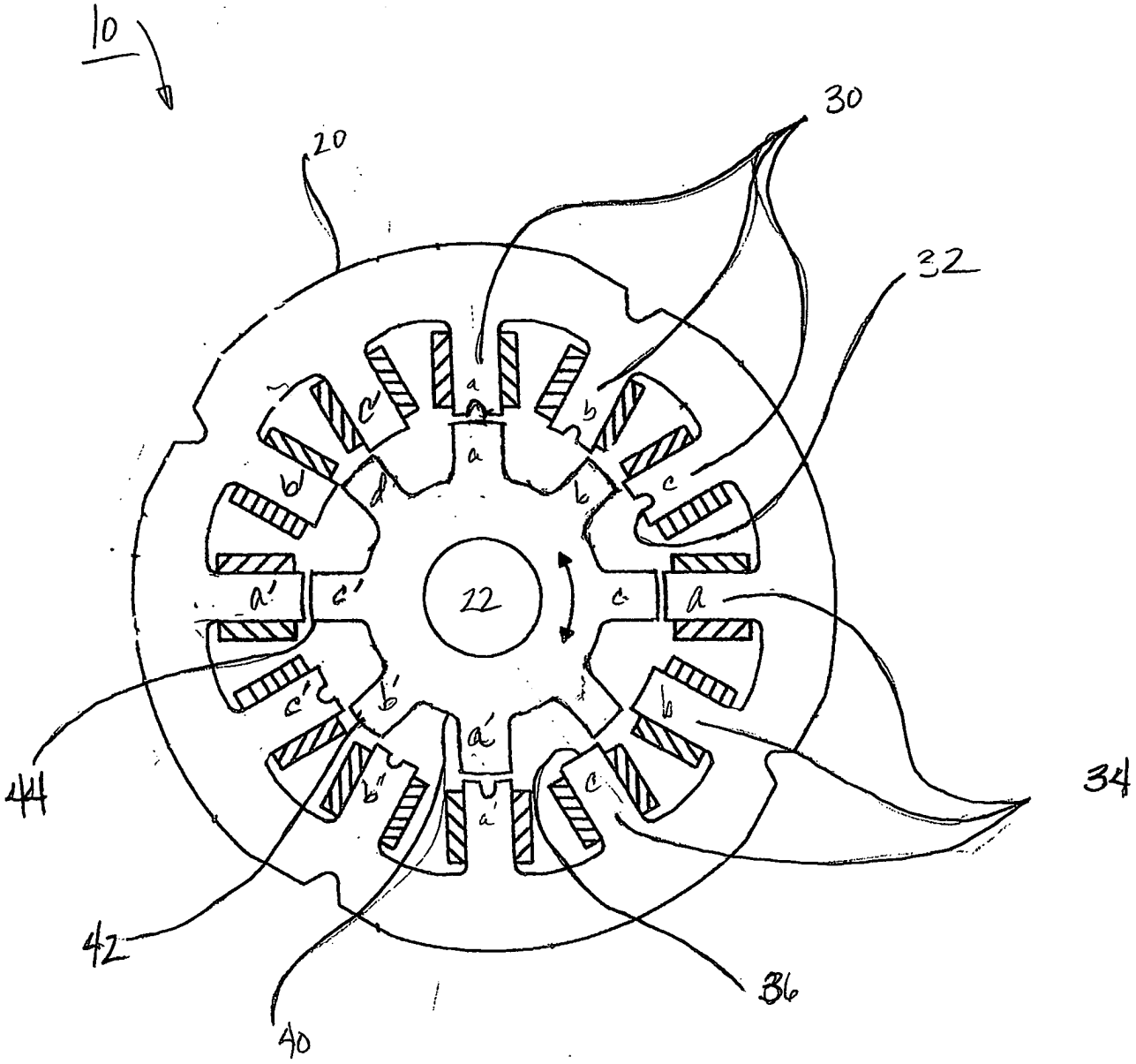


FIG. 15

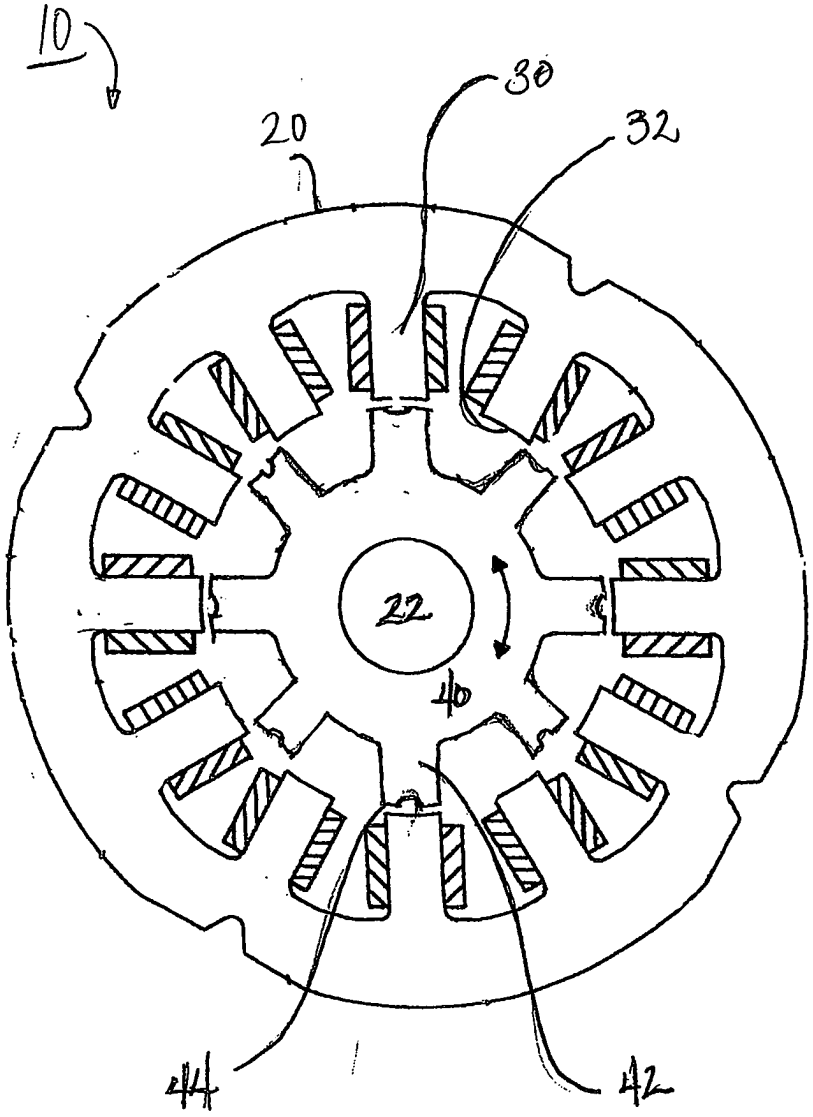


FIG. 16

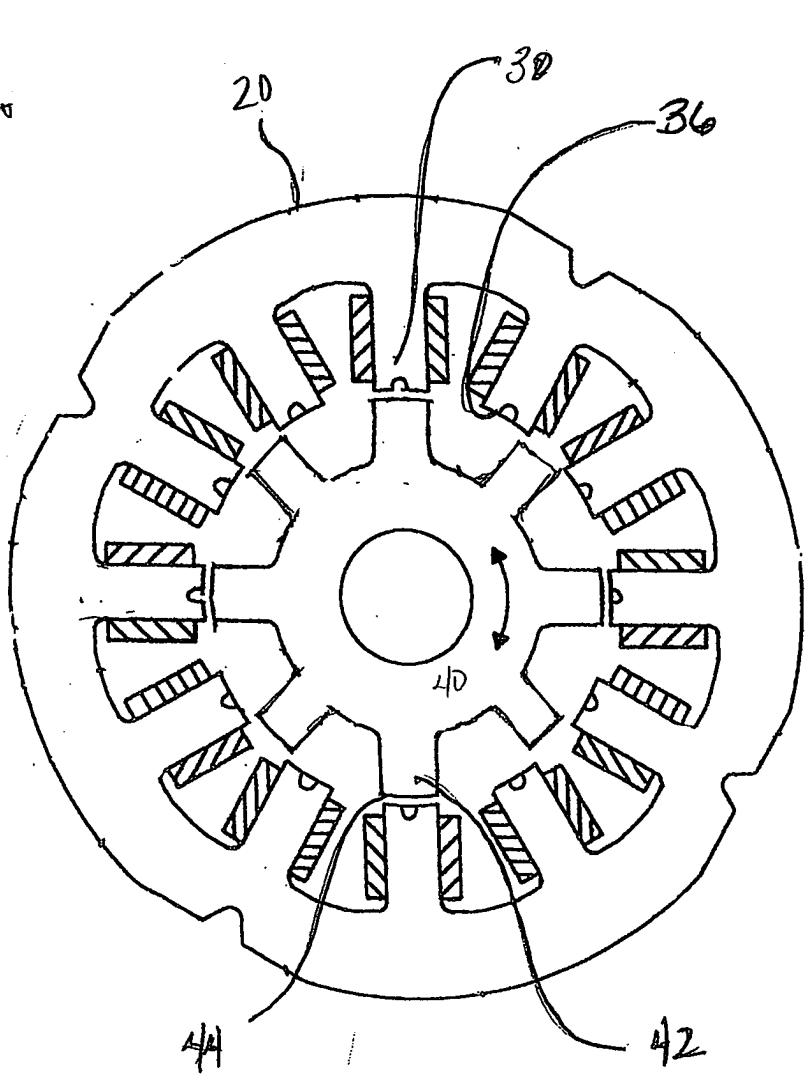


FIG. 17

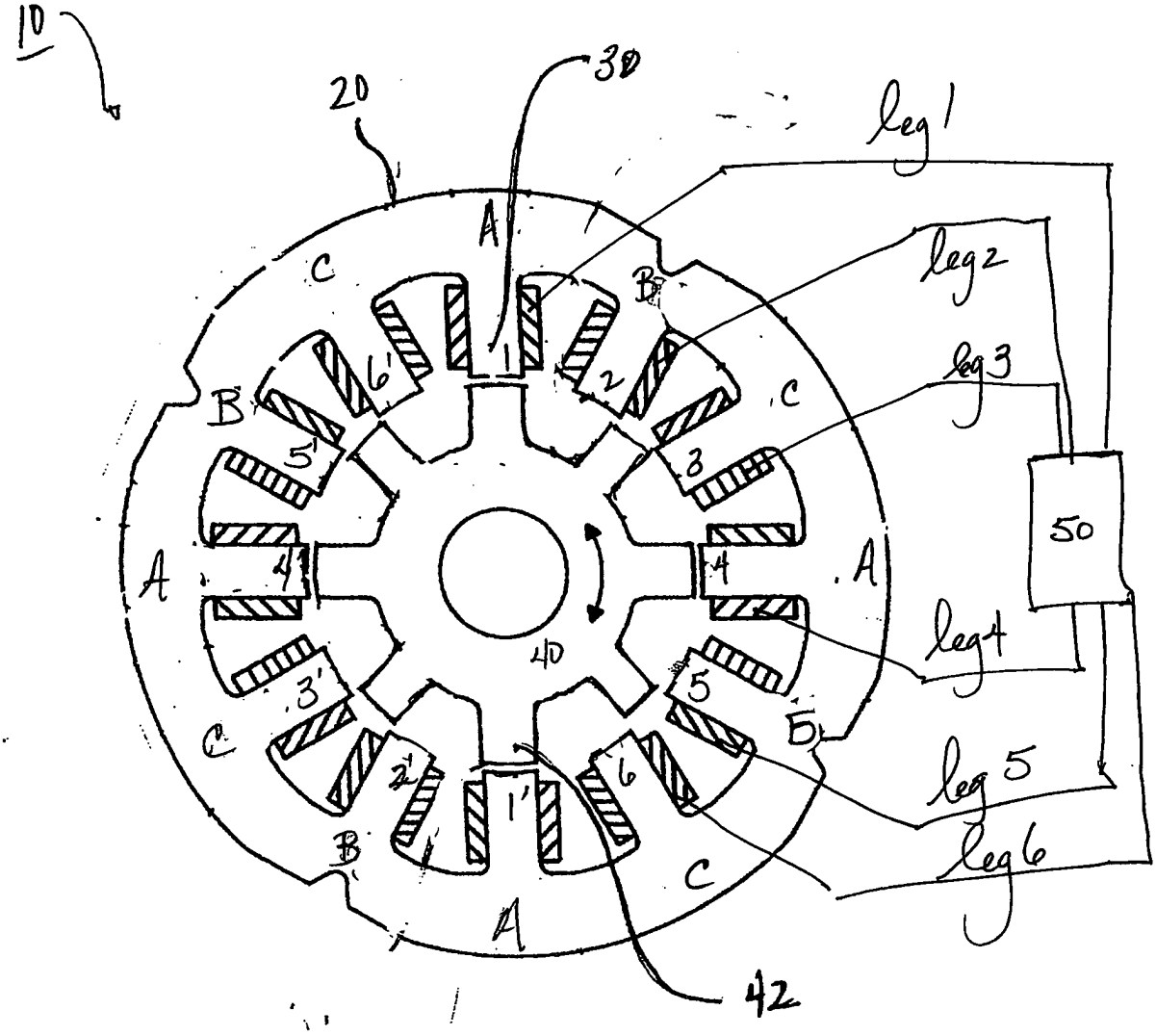

10
20
30
leg 1
leg 2
leg 3
50
leg 4
leg 5
leg 6
40
42
A
B
C
1
2
3
4
5
6
1'
2'
3'
4'
5'
6'

FIG. 1B

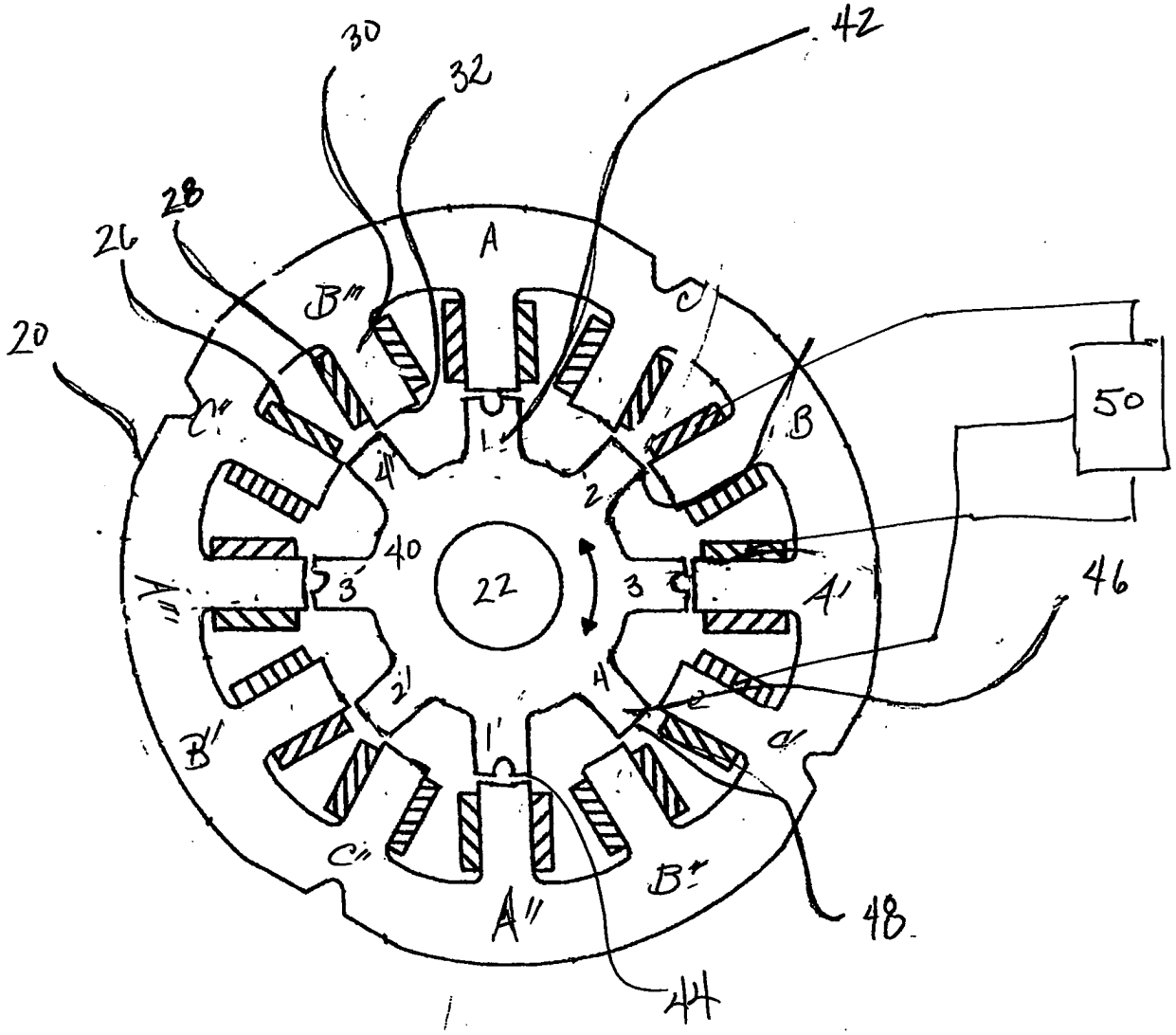


FIG. 19

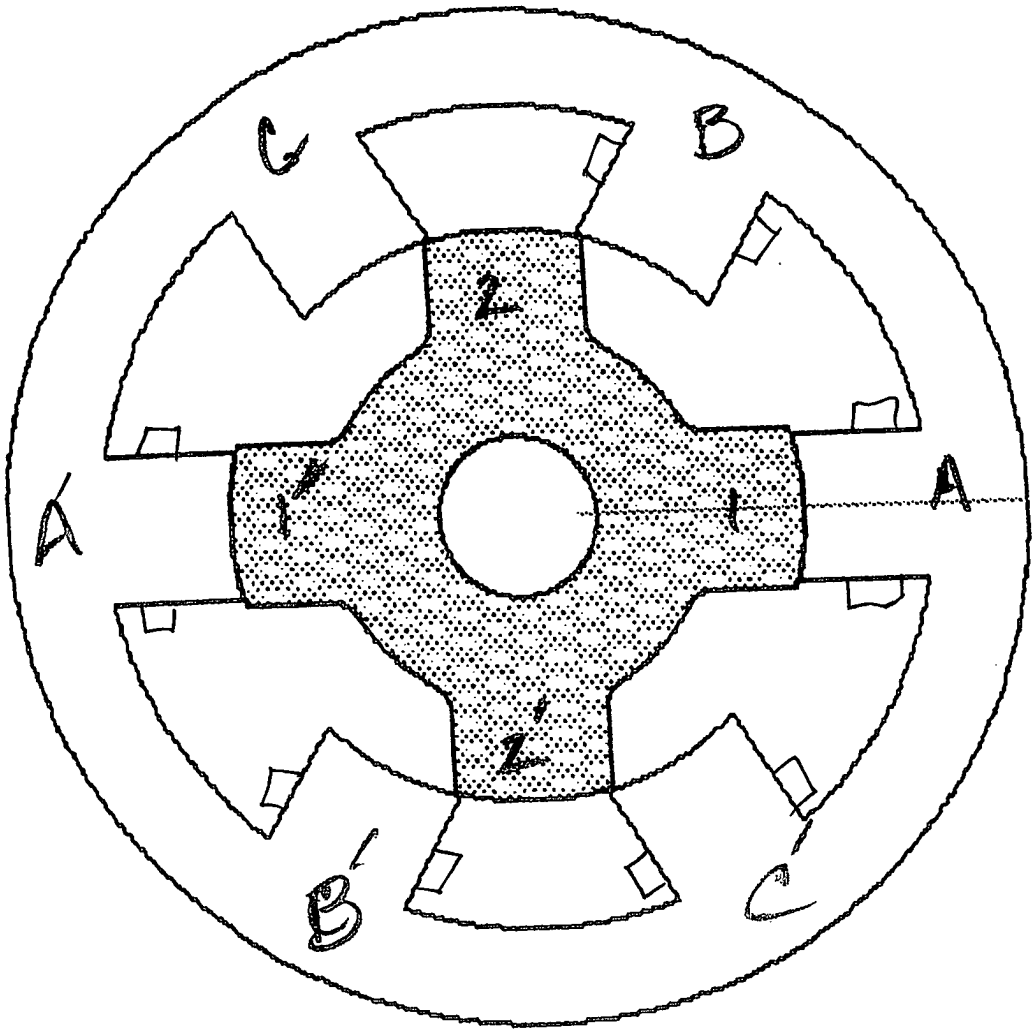
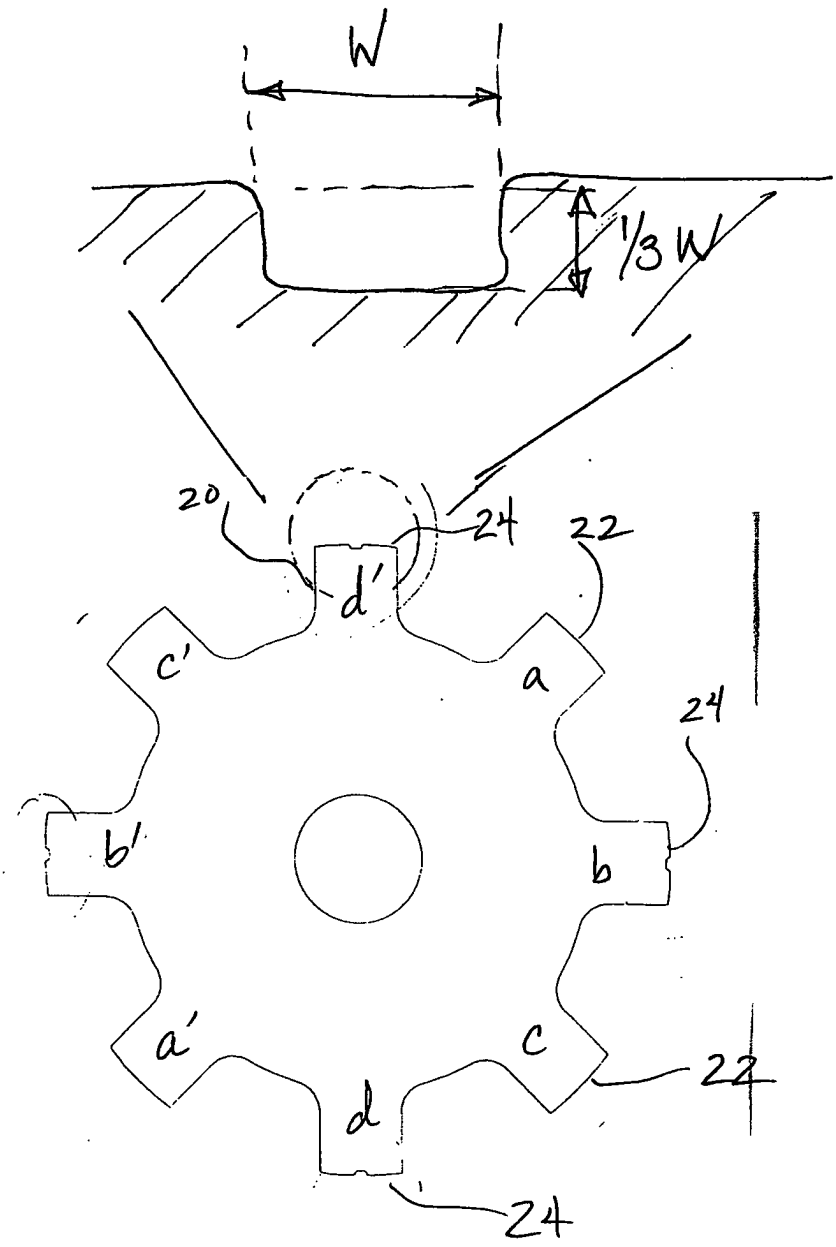


FIG 20



10

FIG 21A

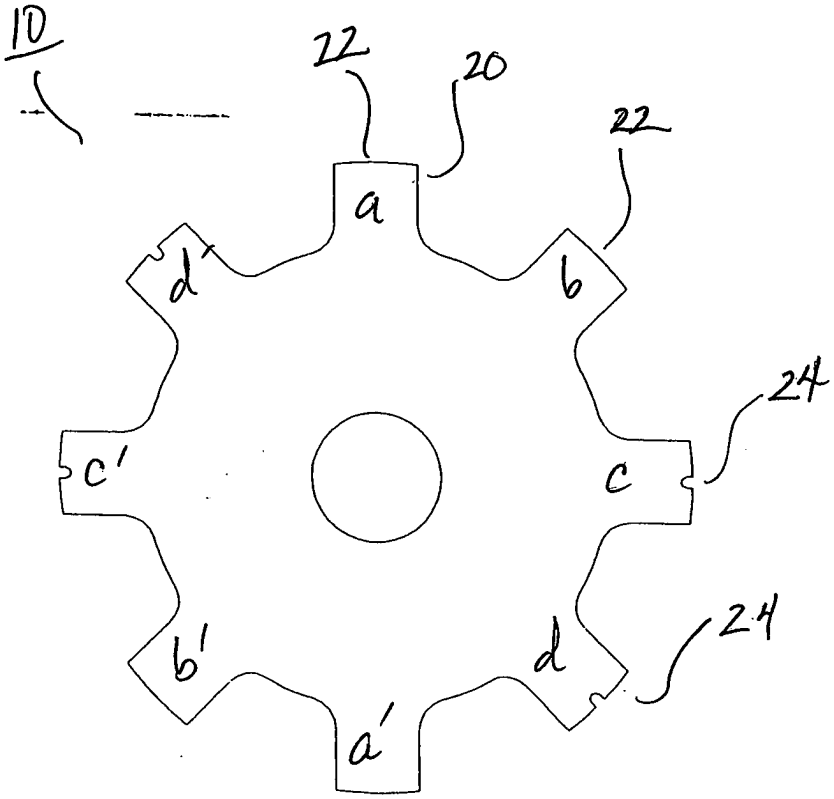
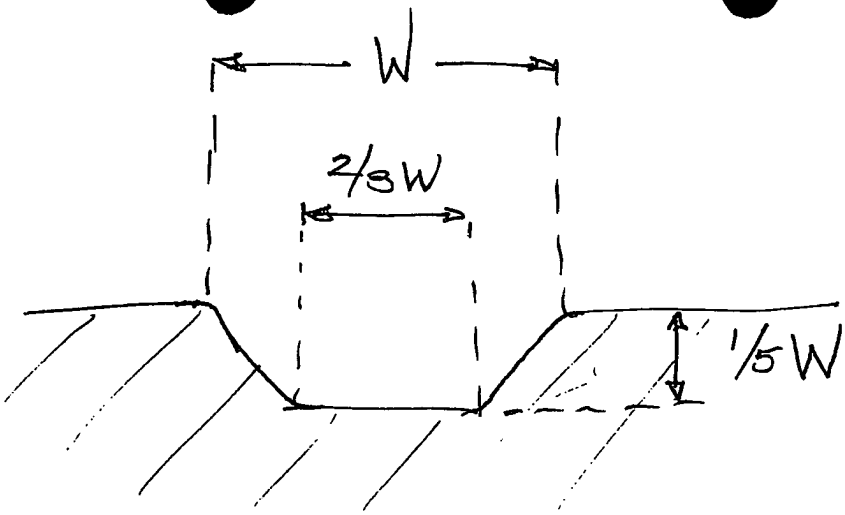


FIG 21B



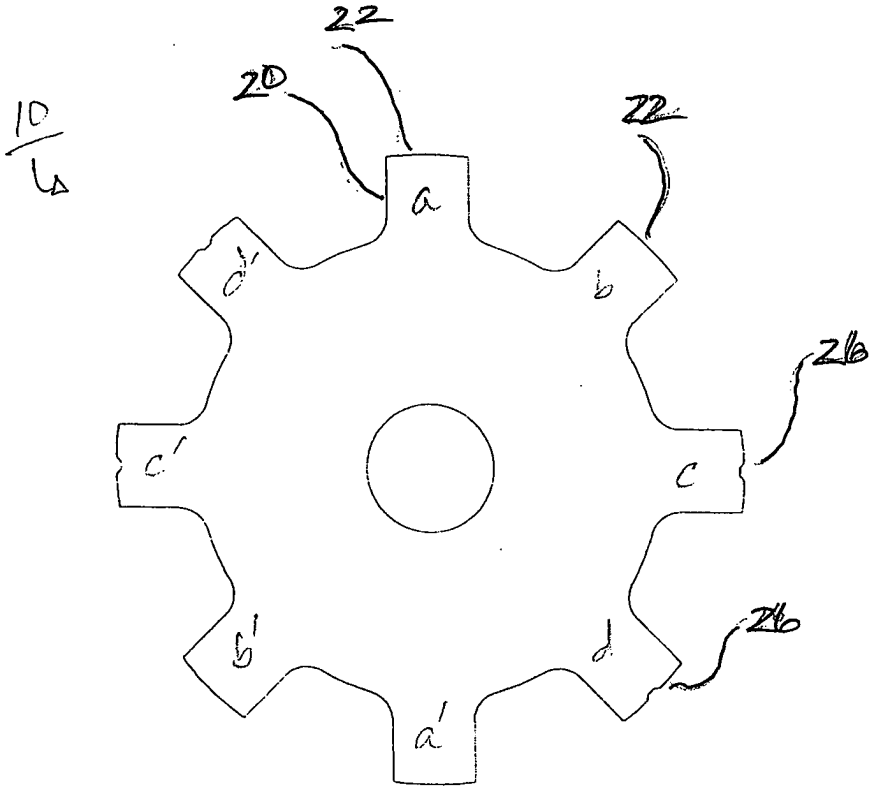


FIG. 21C

10
4

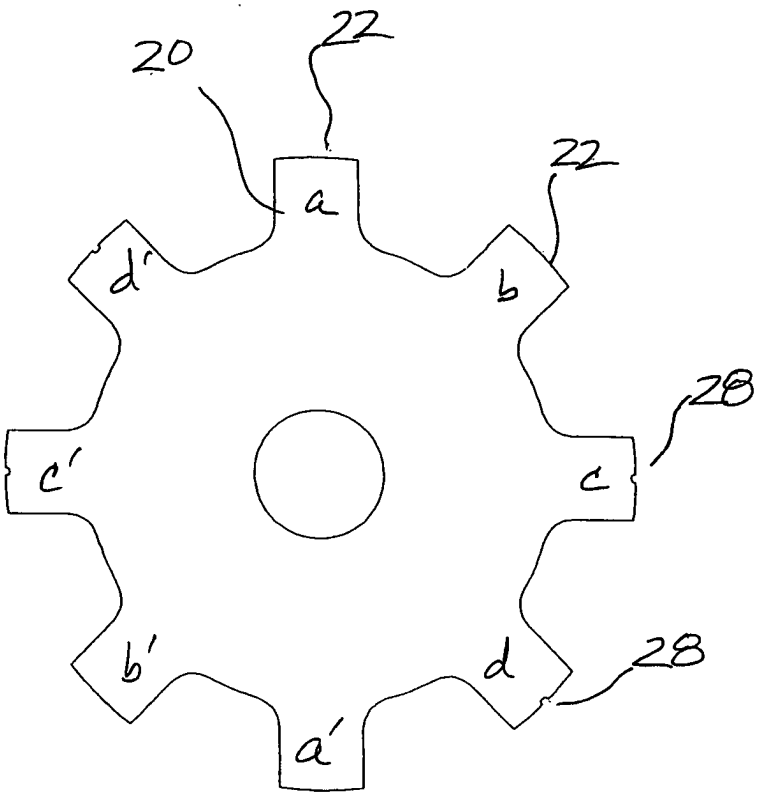


FIG. 21D

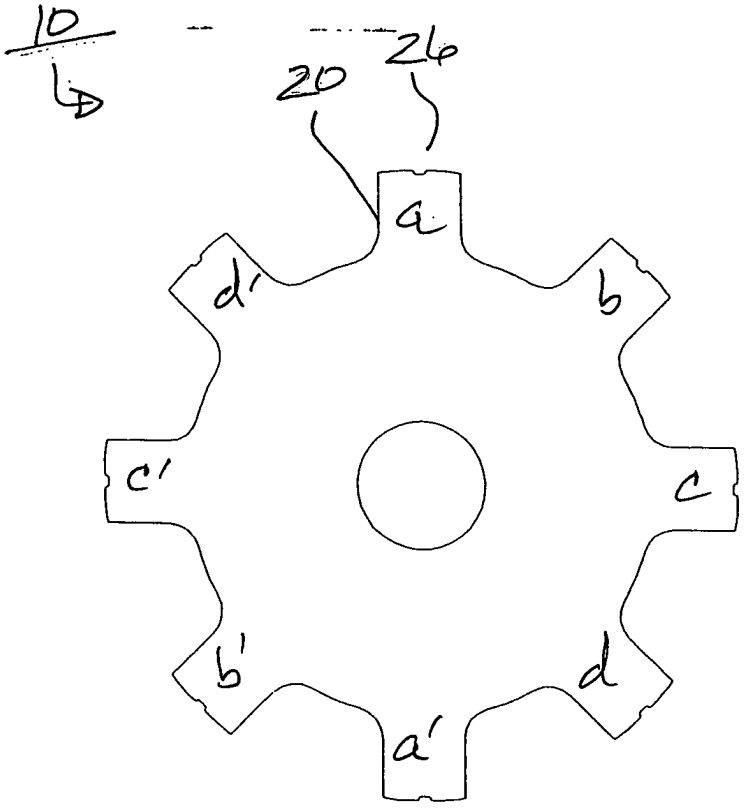


FIG. 21E

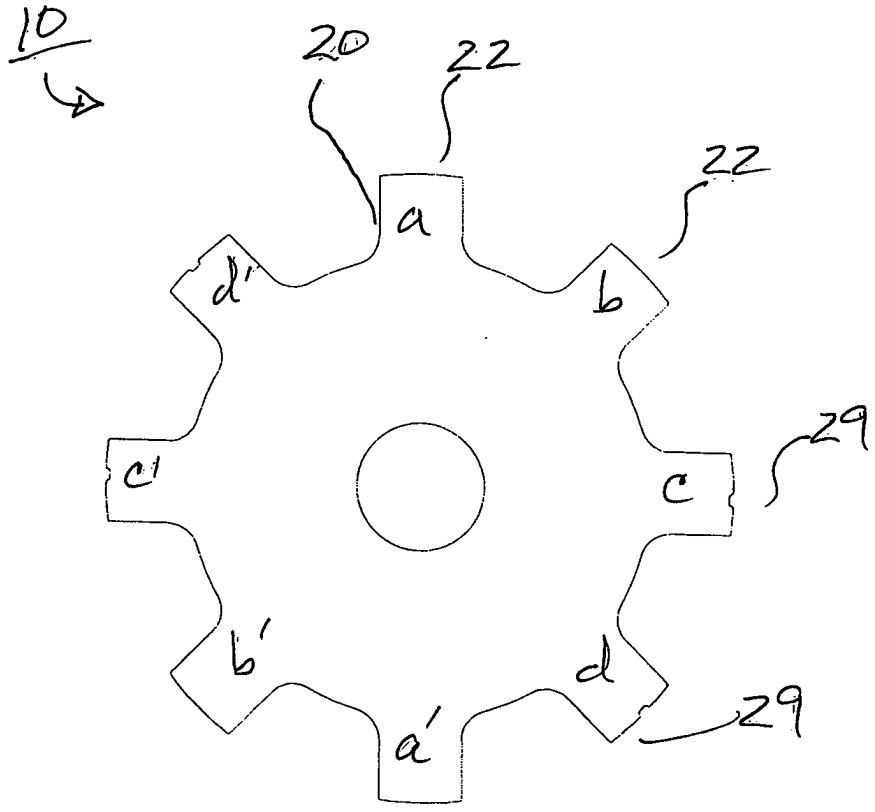


FIG. 21F

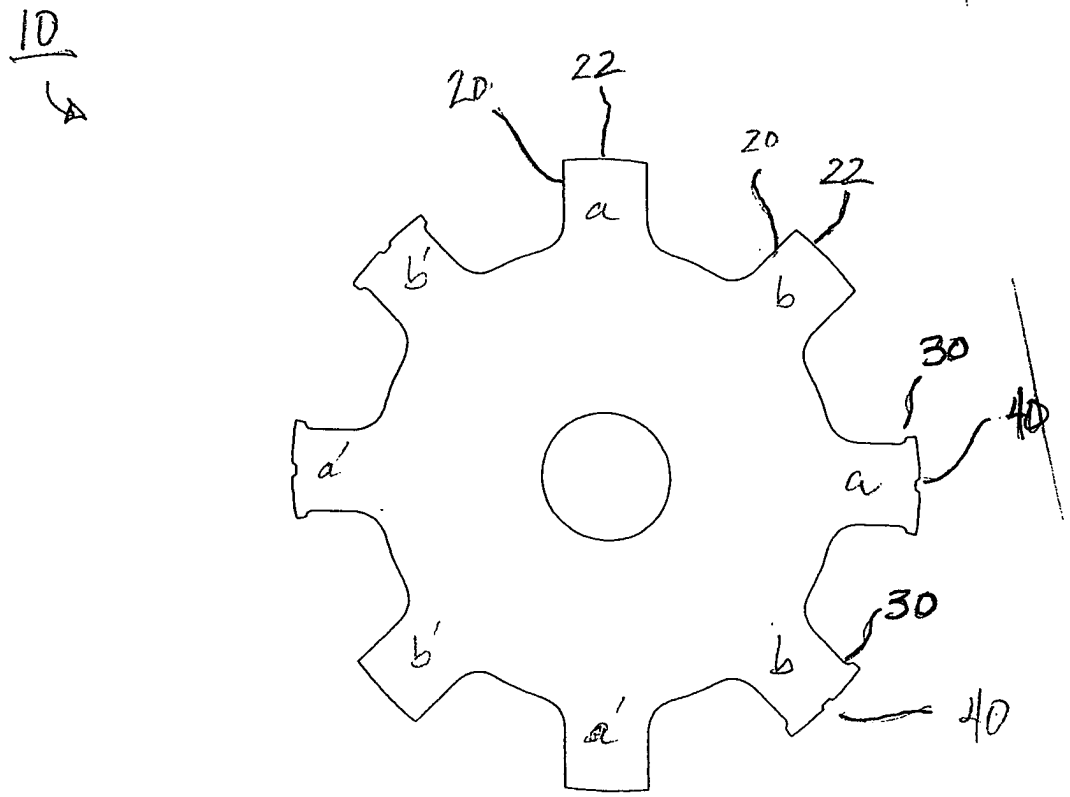


FIG. 21G

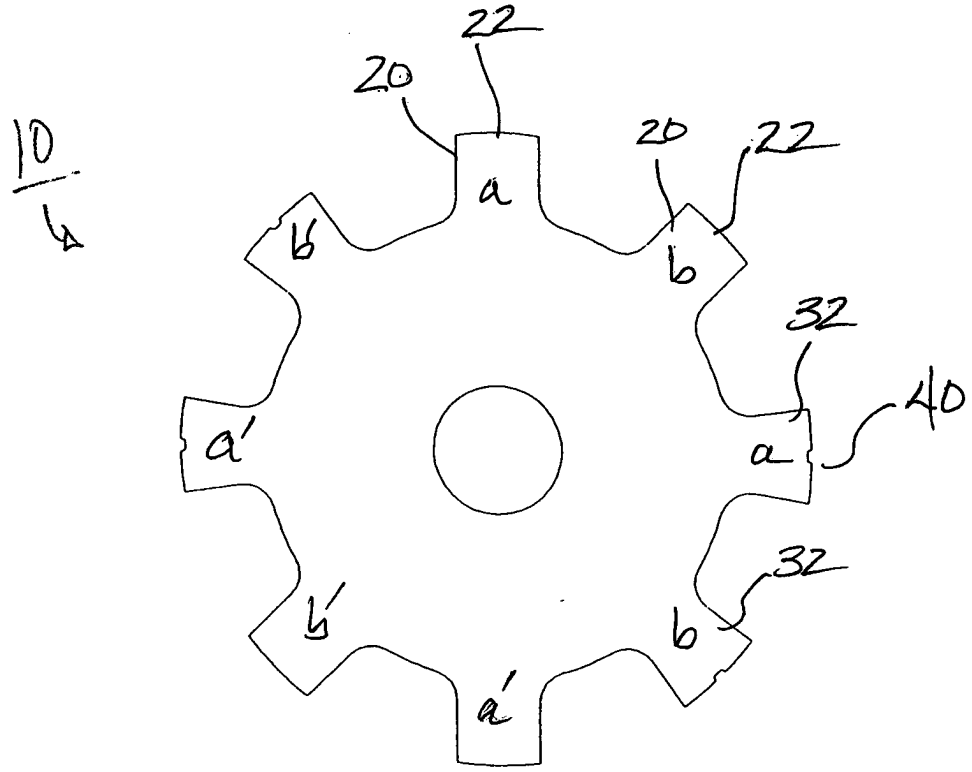


Fig. 21H

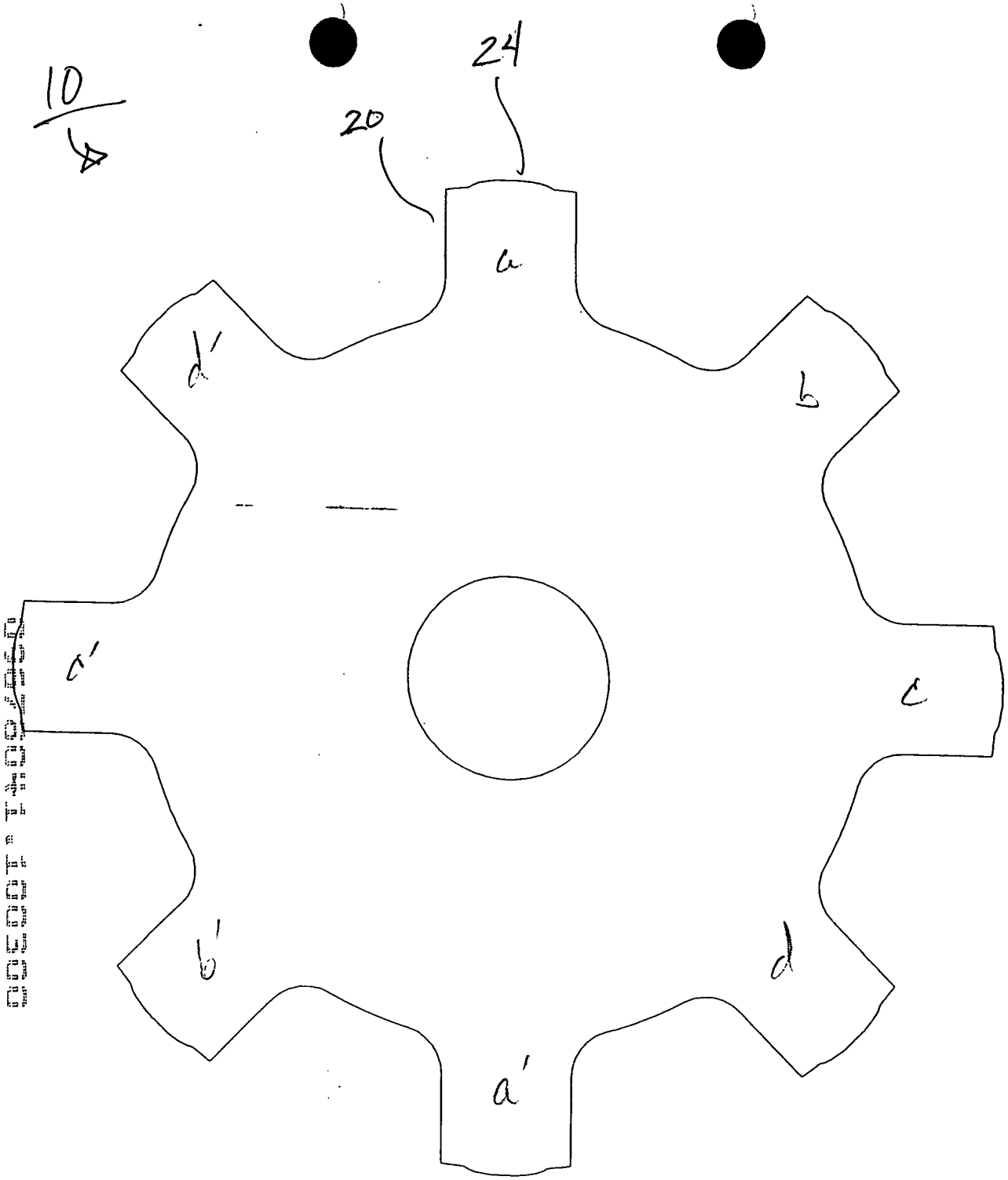


FIG. 21I

DOCKET NO. 10/2456

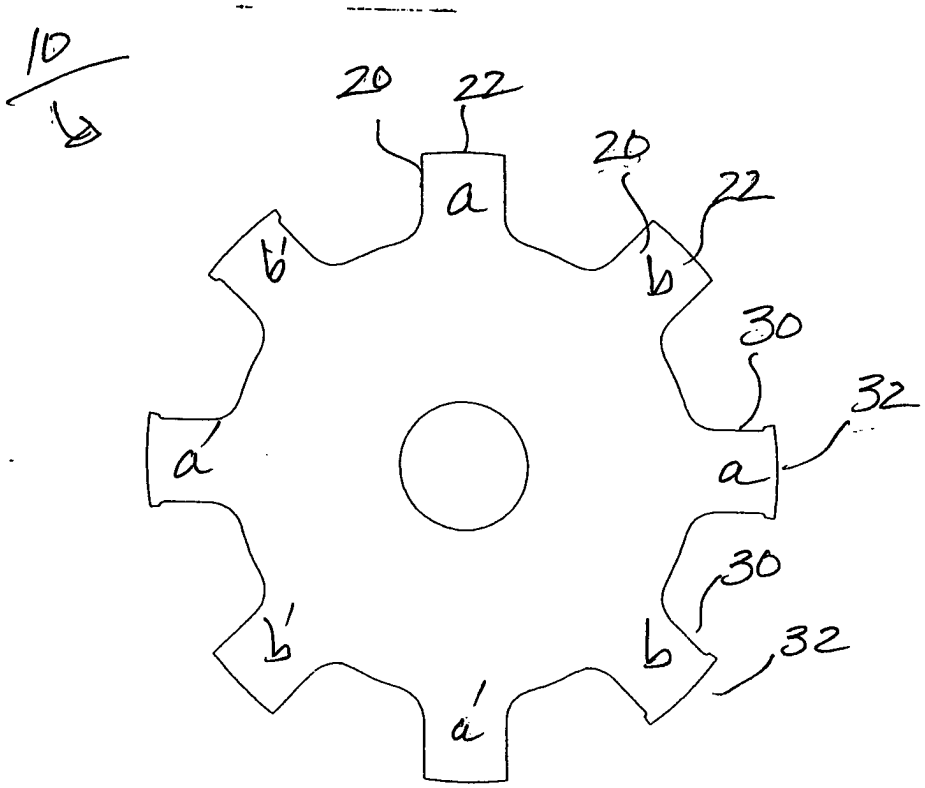


Fig. 21J

DOCUMENT TRANSMITTED

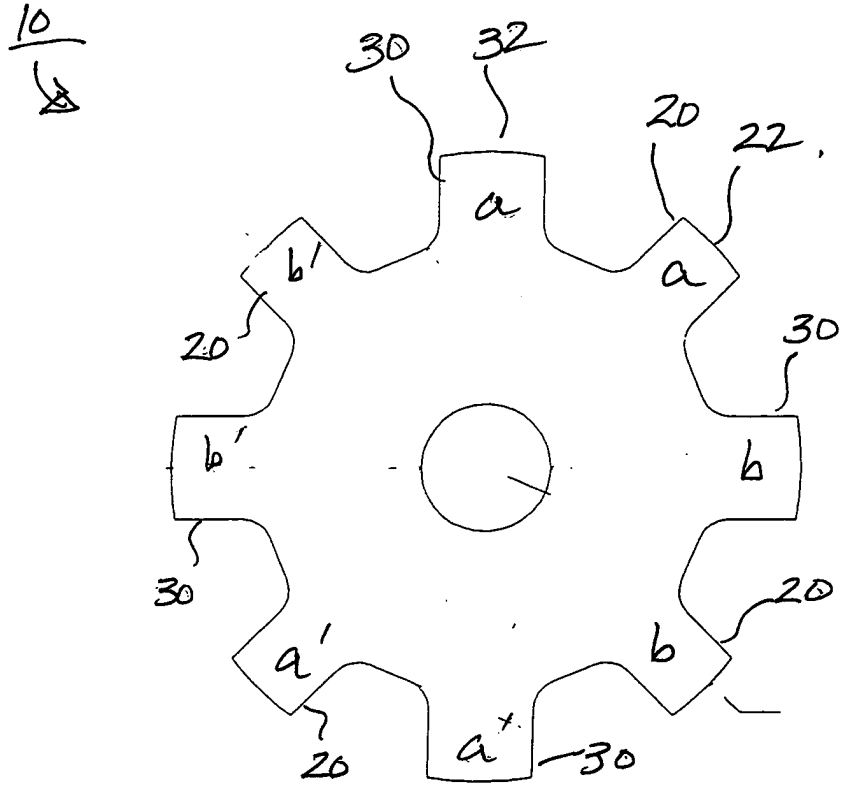


FIG. 21K

DOCUMENT TRANSMITTED

10

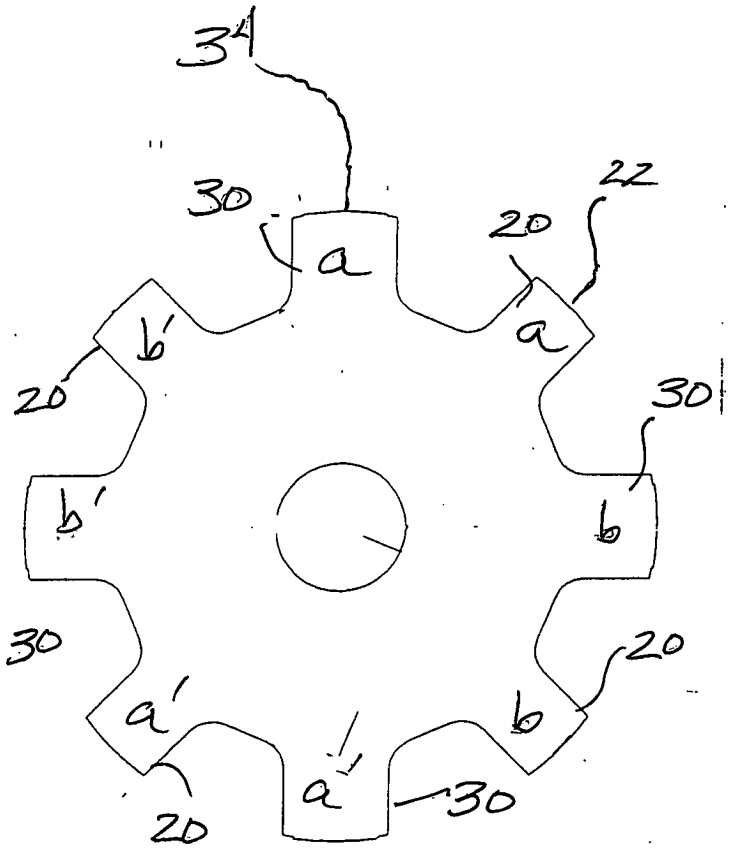


FIG. 2 (L)

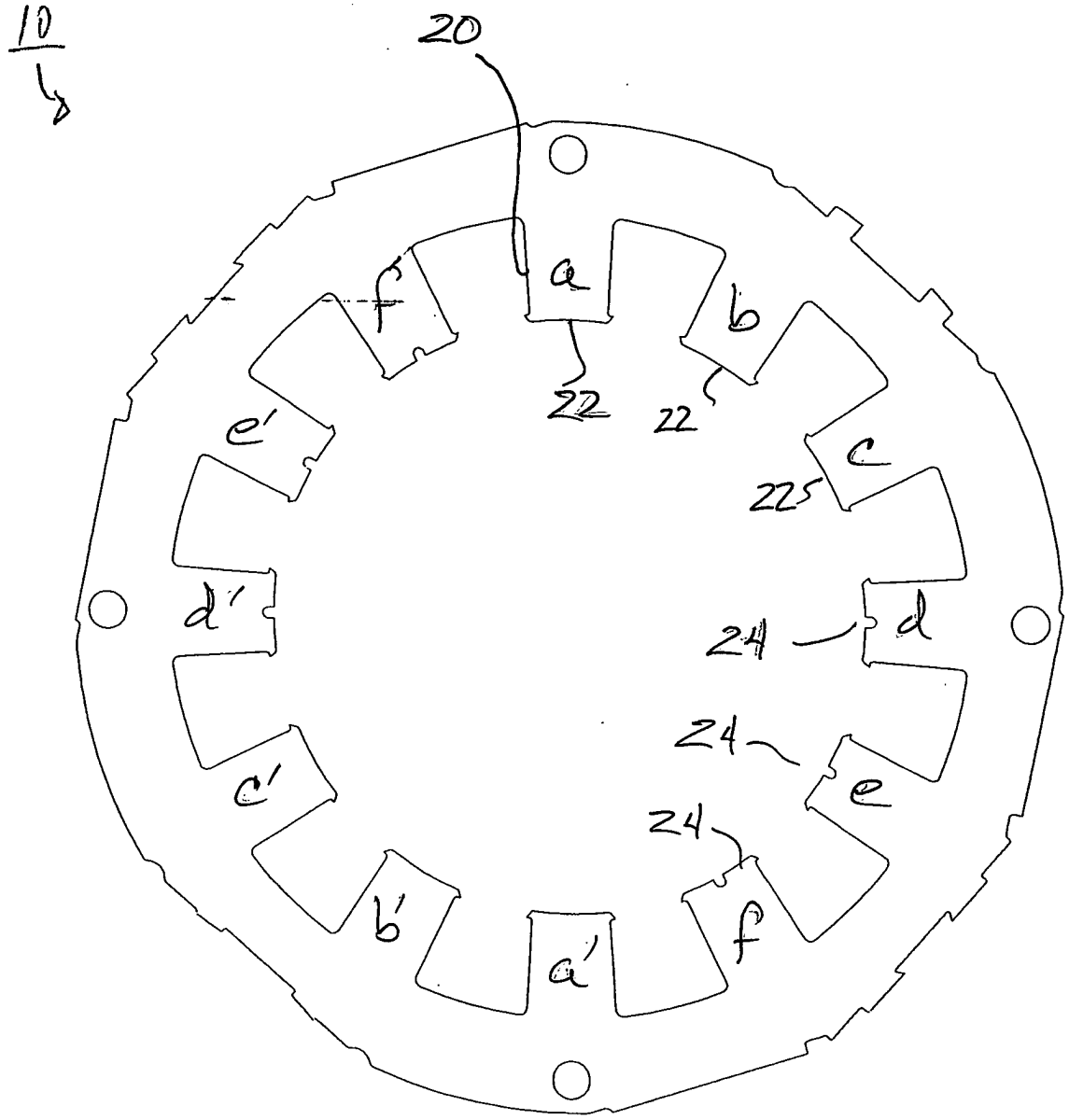


FIG. 22A

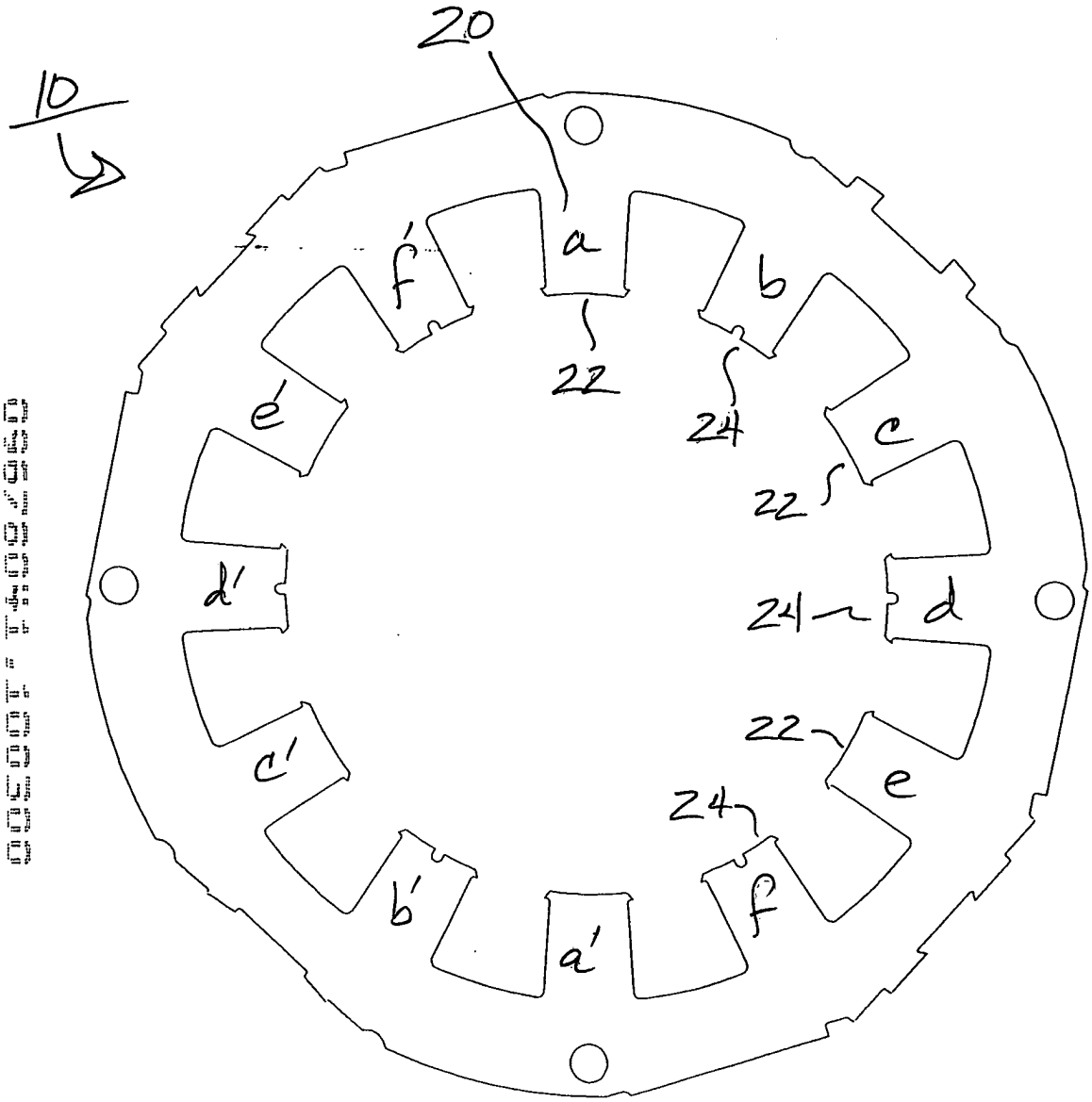


FIG. 22B

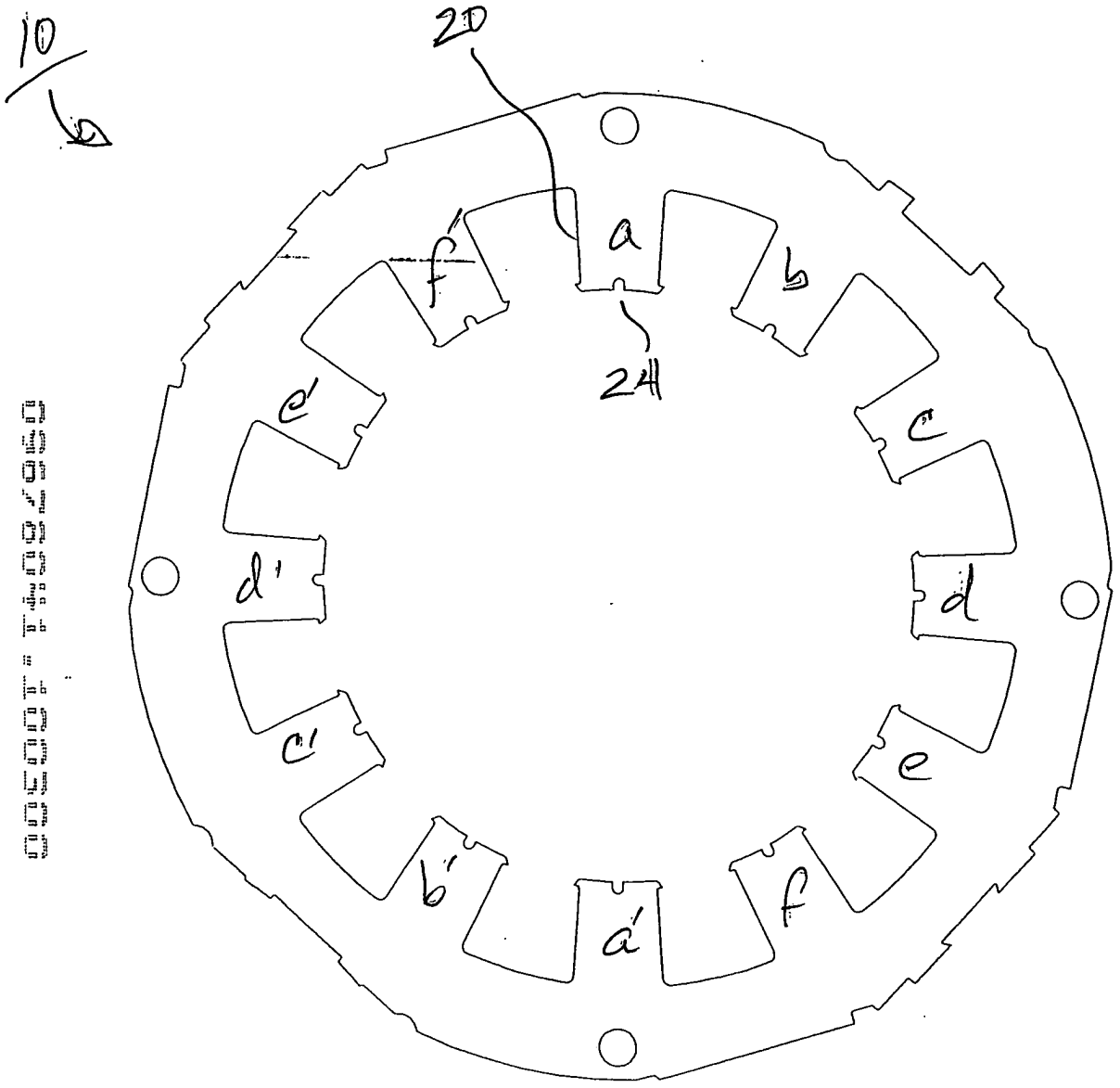


FIG 22C

FIG 23A

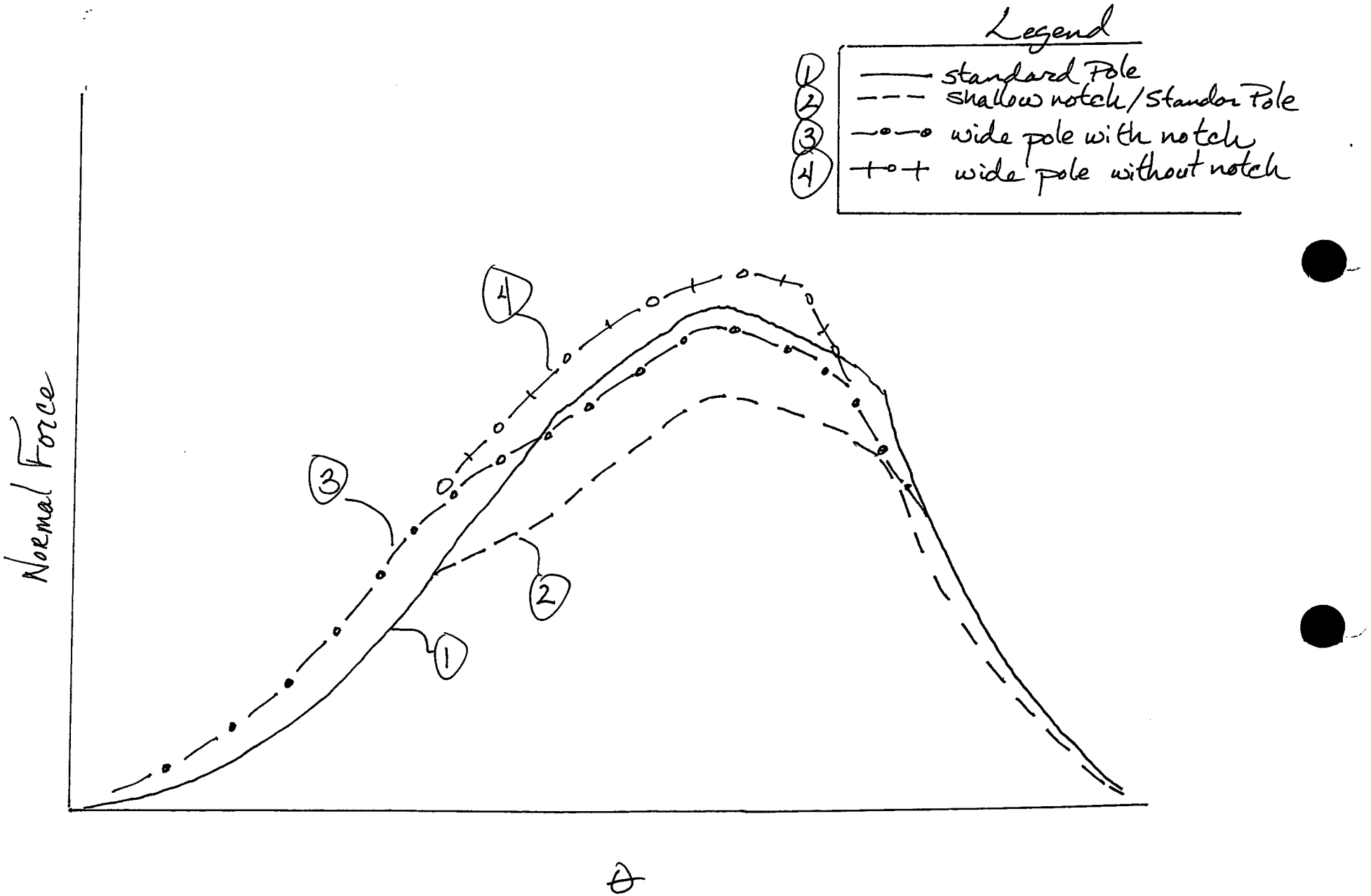
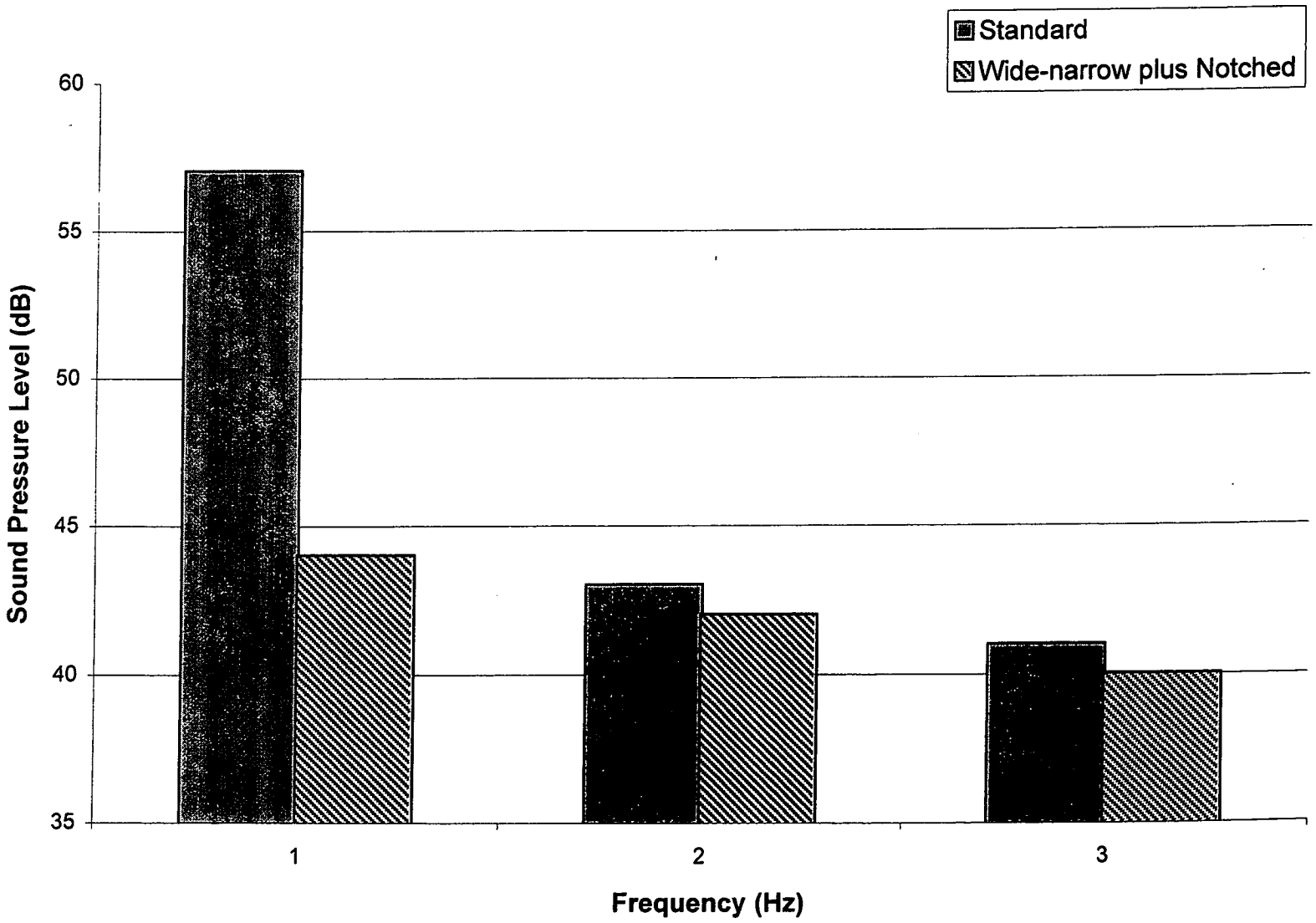

Legend
1 standard Pole
2 shallow notch/Standar Pole
3 wide pole with notch
4 wide pole without notch
Normal Force
θ

FIG. 23B


Standard
Wide-narrow plus Notched
60
55
50
45
40
35
Sound Pressure Level (dB)
1
2
3
Frequency (Hz)

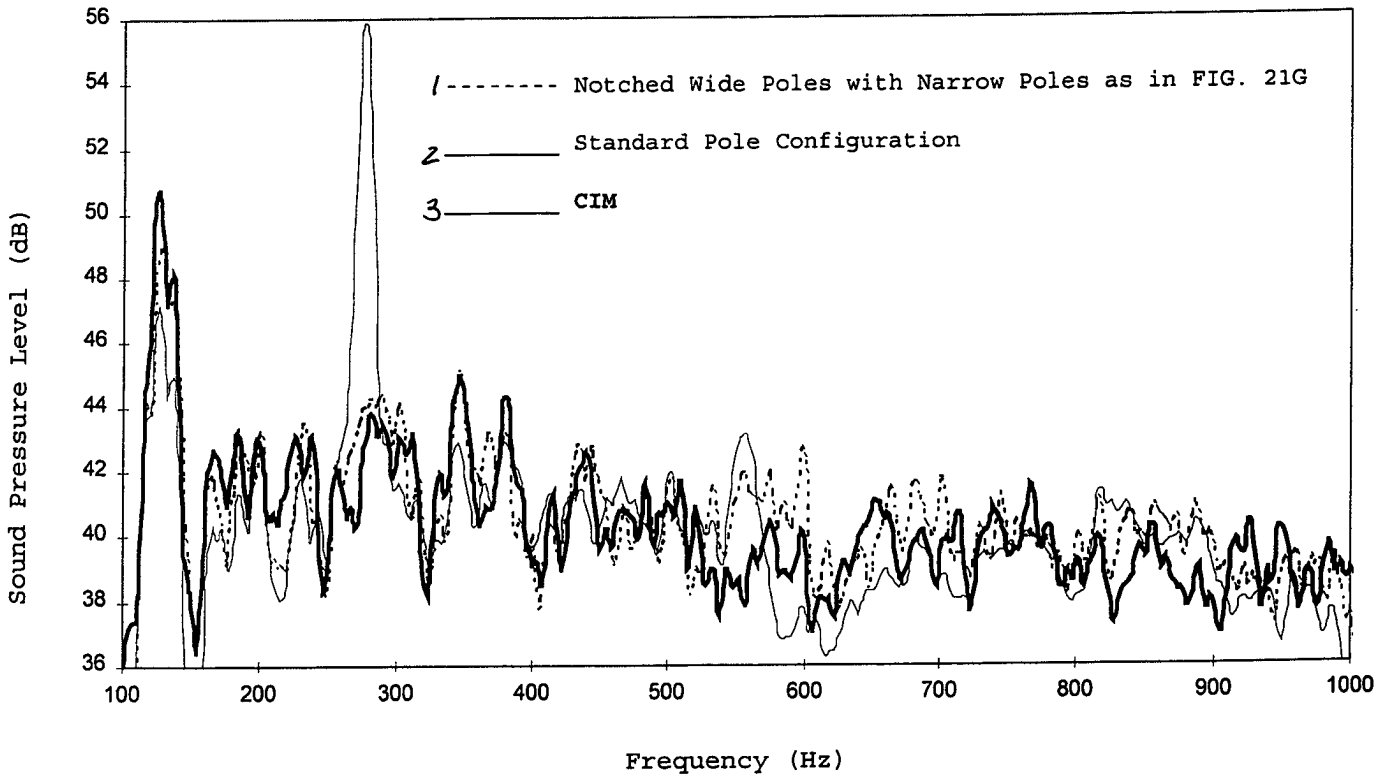

1-------- Notched Wide Poles with Narrow Poles as in FIG. 21G
2_____ Standard Pole Configuration
3_____ CIM
Sound Pressure Level (dB)
56
54
52
50
48
46
44
42
40
38
36
100
200
300
400
500
600
700
800
900
1000
Frequency (Hz)

FIG. 23C

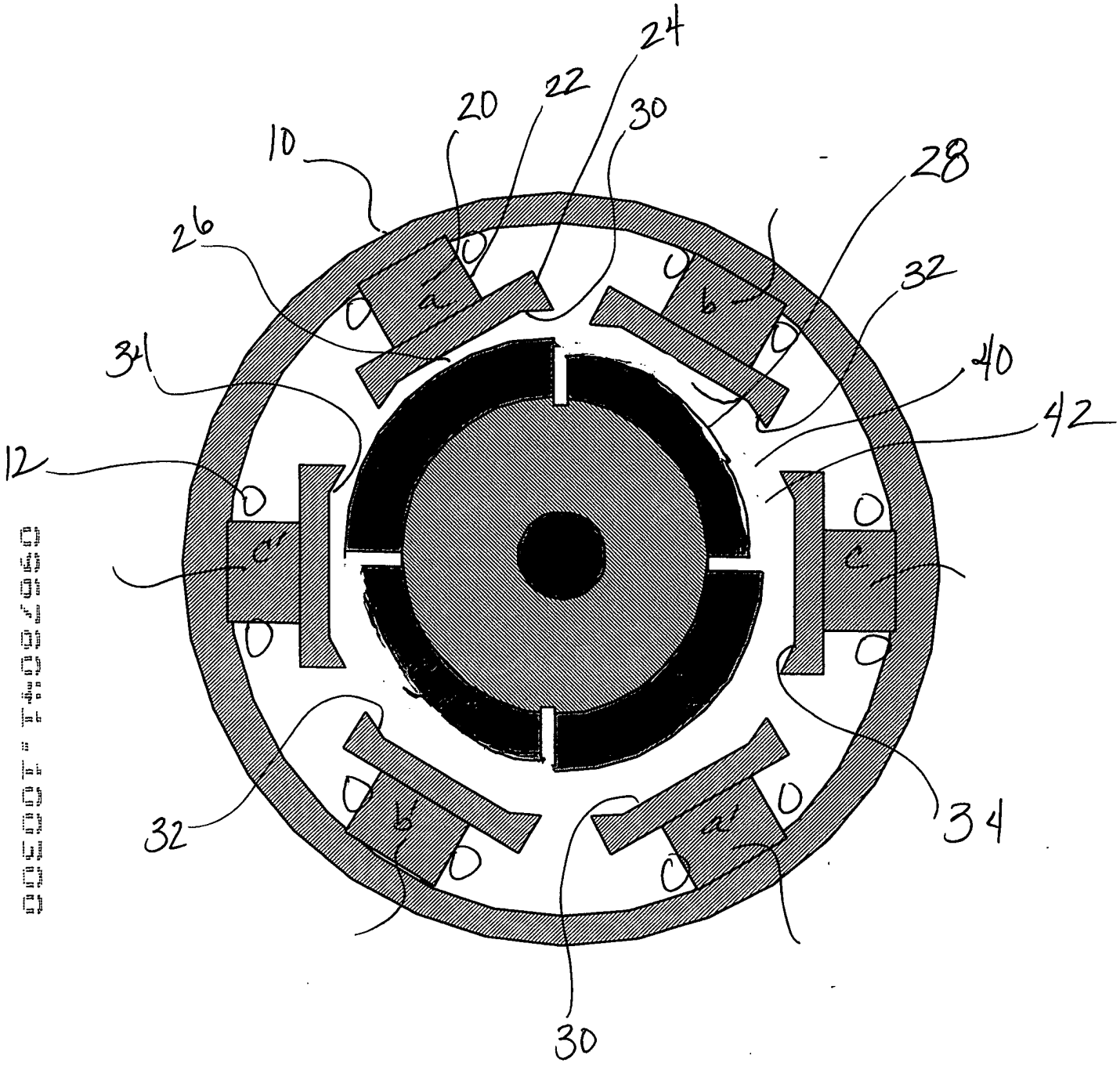


FIG. 24

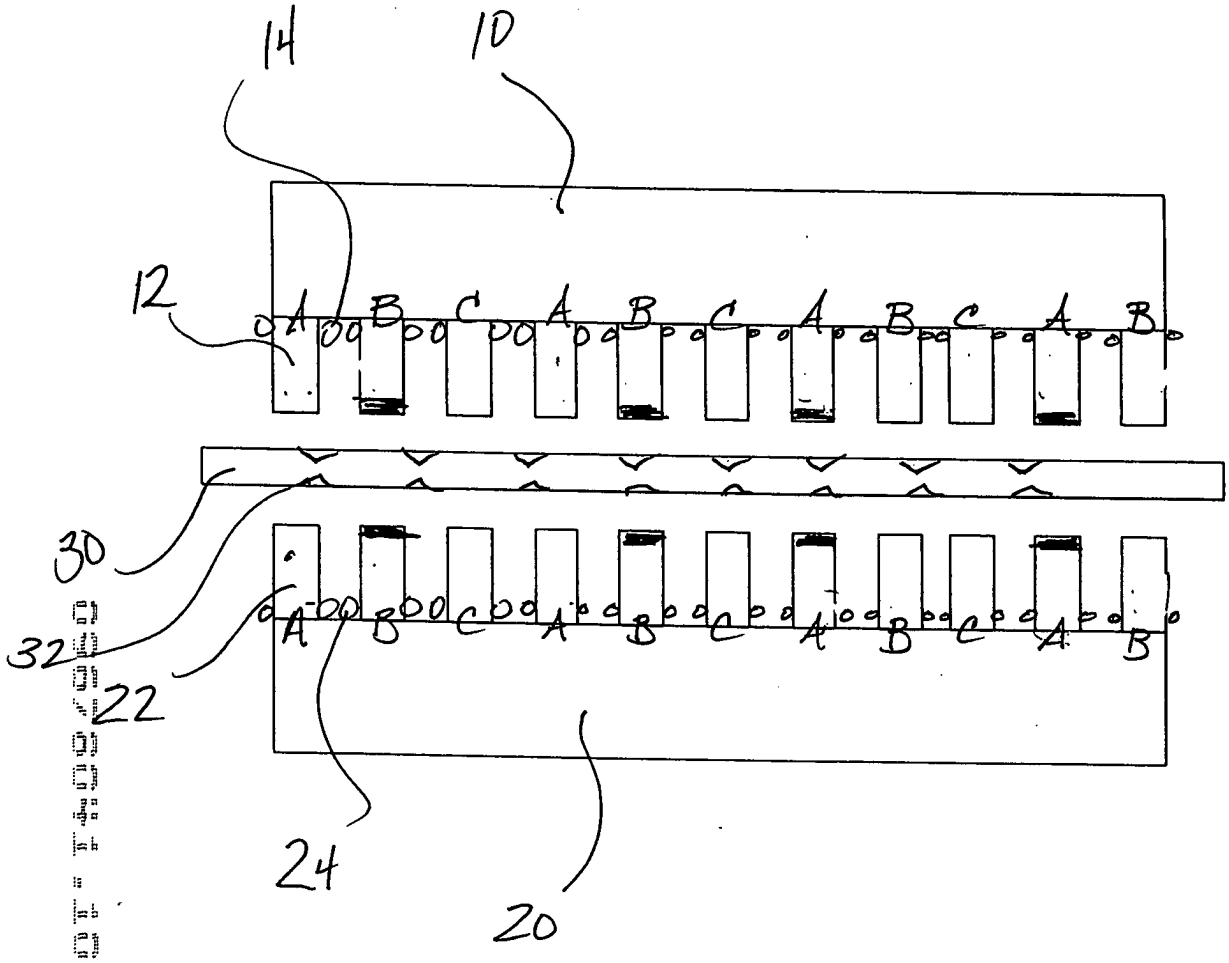


FIG. 25

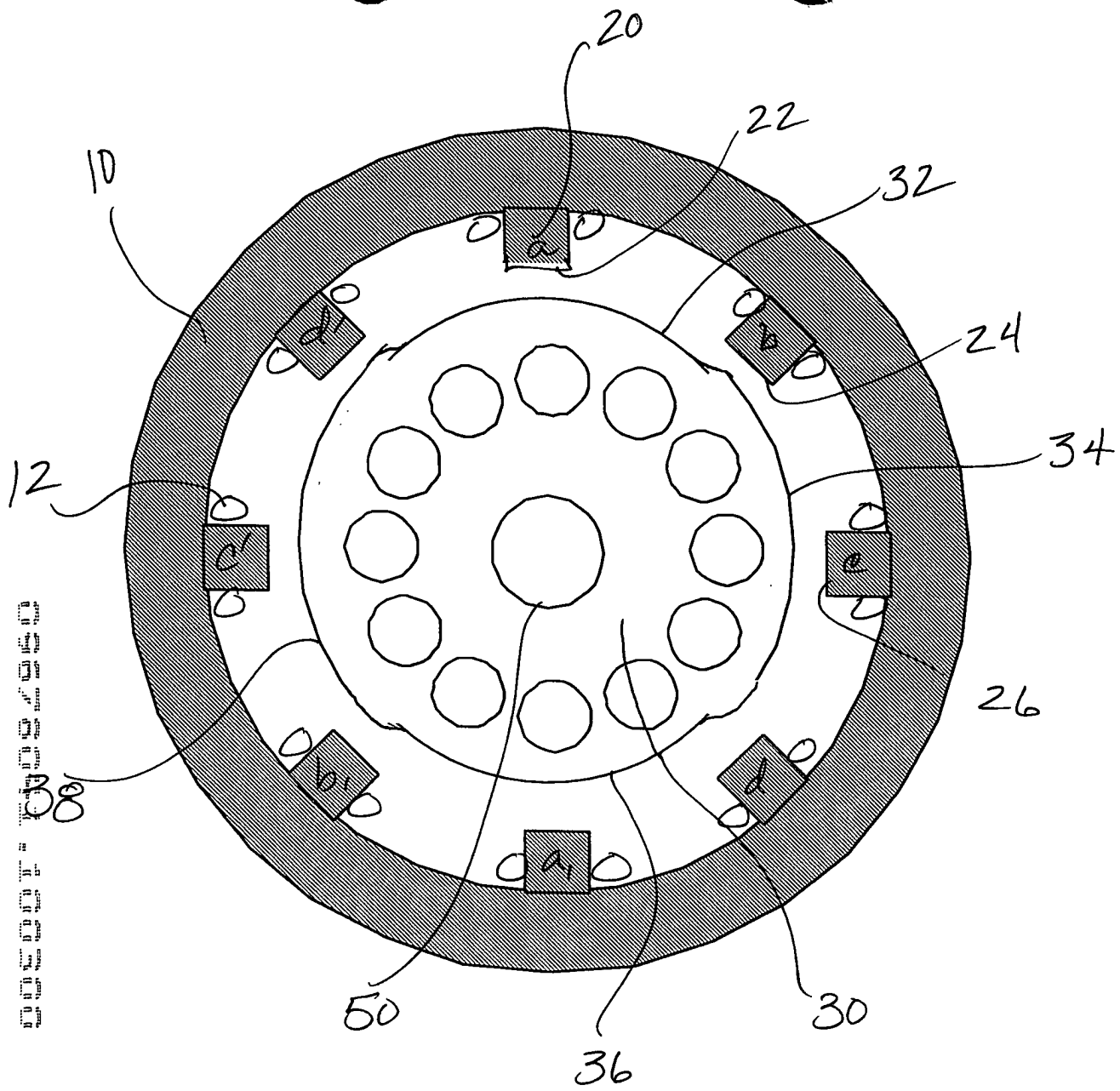


FIG. 26